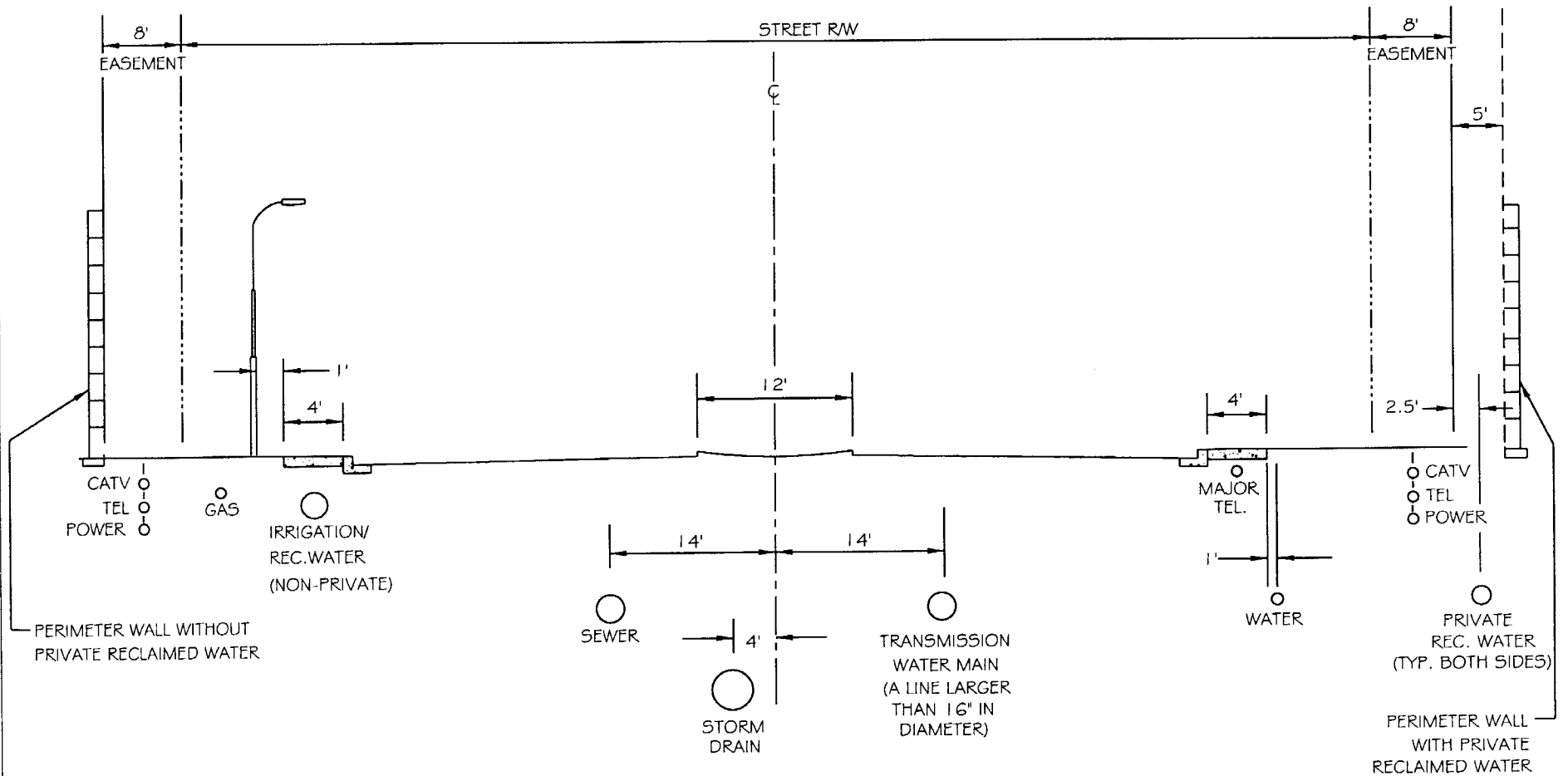


STREETS SERIES

C-200 TO C-257

LOOKING NORTH OR WEST



NOTE:

WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY.

C-201
REPLACES
11



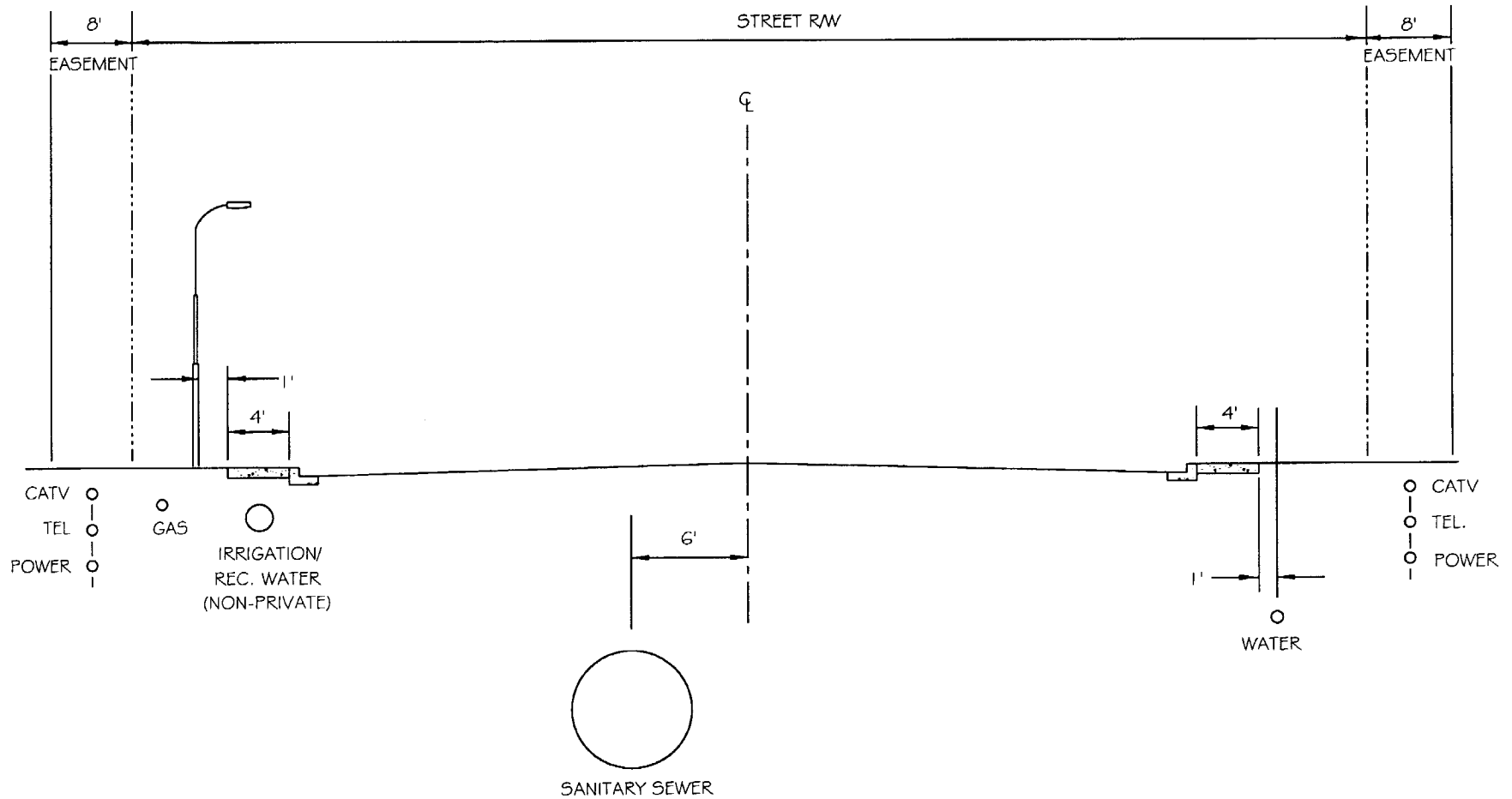
CITY OF
CHANDLER
STANDARD
DETAIL

**STANDARD UTILITY LOCATIONS
COLLECTOR STREETS**

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 2/26/07

DETAIL NO.
C-201
NTS

LOOKING NORTH OR WEST



NOTE:

WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY.

C-202
REPLACES
12



CITY OF
CHANDLER
STANDARD
DETAIL

**STANDARD UTILITY LOCATIONS
LOCAL STREETS**

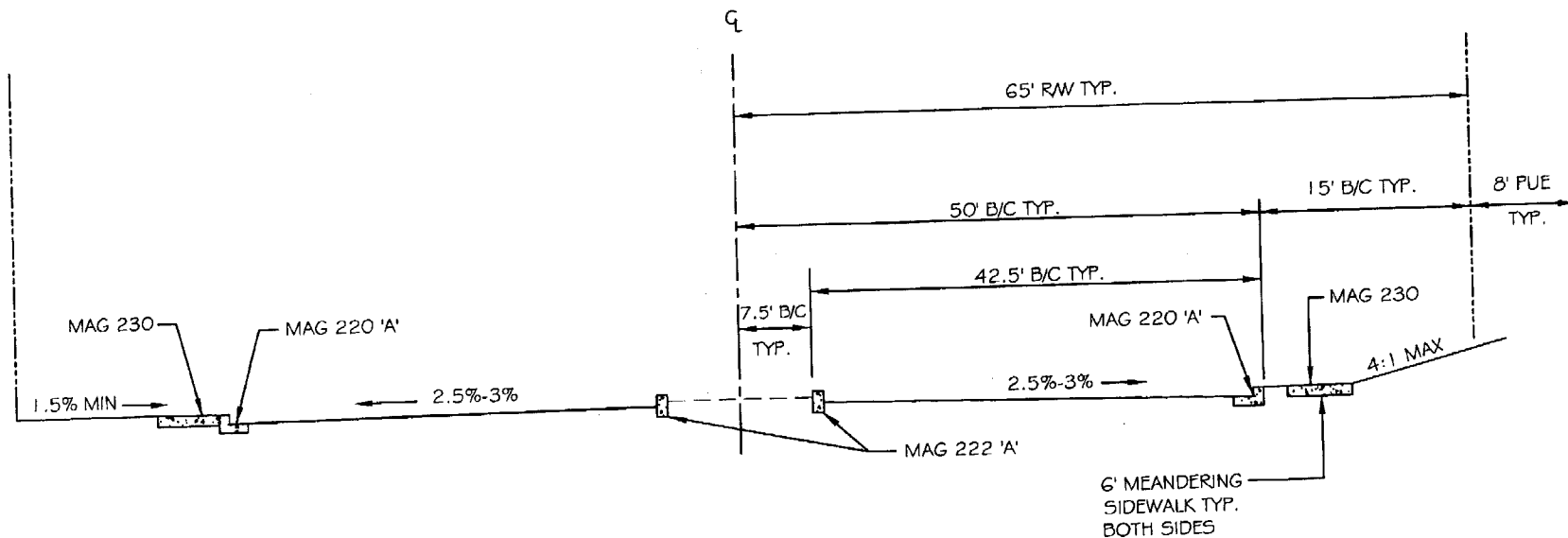
APPROVED:

DATE: 2/26/07

CITY ENGINEER


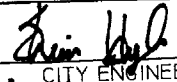
DETAIL NO.

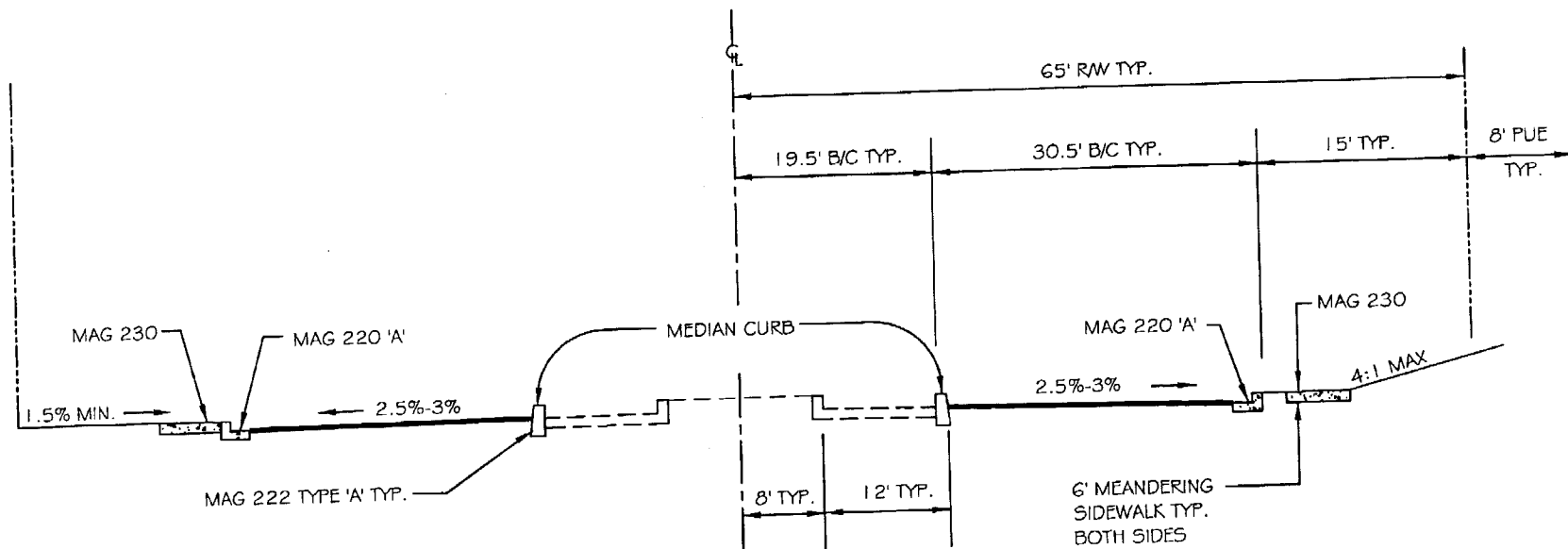
C-202
NTS



NOTES:



1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-239.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. 3" THICK A19 OR A25 EVAC BASE COURSE WITH 2" OF A12.5 EVAC SURFACE COURSE.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO EVAC AND MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. ADDITIONAL RIGHT-OF-WAY SHALL BE PROVIDED WHERE NECESSARY TO ACCOMMODATE DOUBLE LEFT TURN LANES OR RIGHT TURN LANES WARRANTED BY TRAFFIC DEMANDS.
5. MEDIAN END SHALL BE RAMP PER COC STANDARD DETAIL C-225.
6. MEDIAN LANDSCAPE AREA SHALL BE PER DETAIL NO. LS24 OF COC LANDSCAPE AND IRRIGATION DESIGN OF RIGHTS-OF-WAY, RETENTION BASINS, AND PARKS. (TDM #8) (MOUNDING IN MEDIAN NOT PERMITTED.)

DETAIL NO. C-203 NTS	 CITY OF CHANDLER STANDARD DETAIL	MAJOR ARTERIAL STREET TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: <u>01/08/09</u>	DETAIL NO. C-203 NTS
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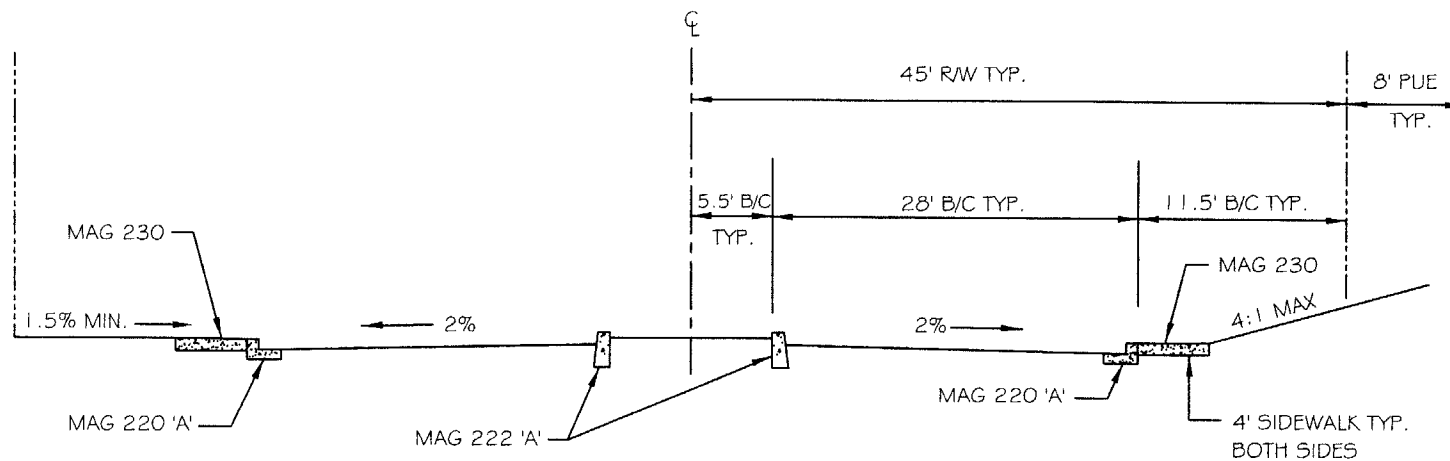


NOTES:

1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-239.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. 3" THICK A19 OR A25 EVAC BASE COURSE WITH 2" OF A12.5 EVAC SURFACE COURSE.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO EVAC AND MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. ADDITIONAL RIGHT-OF-WAY SHALL BE PROVIDED WHERE NECESSARY TO ACCOMMODATE DOUBLE LEFT TURN LANES OR RIGHT TURN LANES WARRANTED BY TRAFFIC DEMANDS.
5. MEDIAN LANDSCAPE AREA SHALL BE PER DETAIL NO. LS24 OF COC LANDSCAPE AND IRRIGATION DESIGN OF RIGHTS-OF-WAY, RETENTION BASINS, AND PARKS. (TDM #8) (MOUNDING IN MEDIAN NOT PERMITTED.)
6. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.

DETAIL NO. C-204 NTS	 CITY OF CHANDLER STANDARD DETAIL	PHASED MAJOR ARTERIAL STREET TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/08/09	DETAIL NO. C-204 NTS
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NTS



NOTES:


1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-240.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK A-12.5 EVAC ASPHALTIC CONCRETE.
 - B. AREAS OF VISIBLE MIXTURE SEGREGATION SHALL BE MILLED TO A DEPTH OF 2" AND OVERLAID A MINIMUM OF THE LANE WIDTH.
 - C. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO EVAC AND MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY.
5. RAMP END OF MEDIAN PER COC STANDARD DETAIL C-225.
6. MEDIAN LANDSCAPE AREA SHALL BE PER DETAIL NO. LS24 OF COC LANDSCAPE AND IRRIGATION DESIGN OF RIGHTS-OF-WAY, RETENTION BASINS, AND PARKS. (TDM #8) (MOUNDING IN MEDIAN NOT PERMITTED.)
7. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.

DETAIL NO.
C-206
NTS

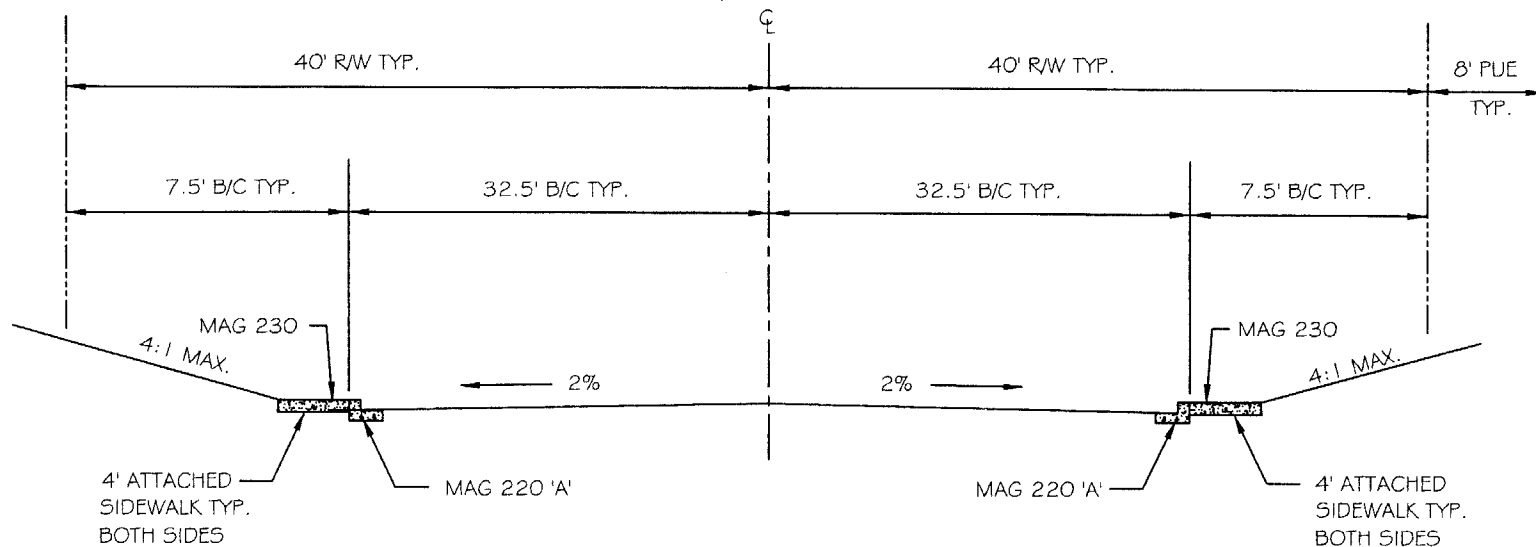


CITY OF
CHANDLER
STANDARD
DETAIL

COLLECTOR STREET WITH MEDIAN TYPICAL CROSS SECTION

APPROVED: 
CITY ENGINEER
DATE: 01/14/10

DETAIL NO.
C-206
NTS



NOTES:

1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-240.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK A-1 2.5 EVAC ASPHALTIC CONCRETE.
 - B. AREAS OF VISIBLE MIXTURE SEGREGATION SHALL BE MILLED TO A DEPTH OF 2" AND OVERLAID A MINIMUM OF THE LANE WIDTH.
 - C. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO EVAC AND MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE OR BOTH SIDES OF ROADWAY.
5. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.

DETAIL NO.
C-208
NTS

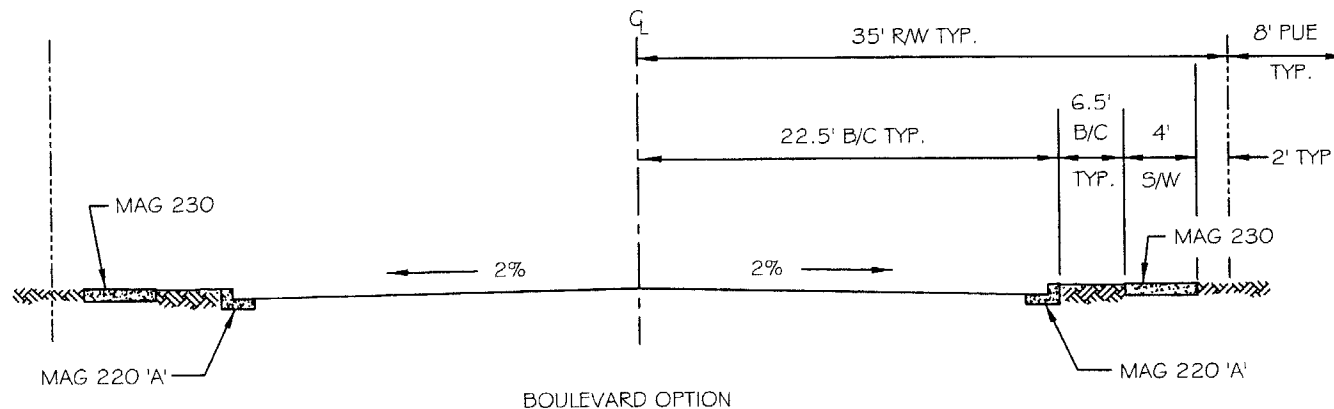


CITY OF
CHANDLER
STANDARD
DETAIL

INDUSTRIAL COLLECTOR STREET TYPICAL CROSS SECTION


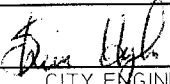
APPROVED: *Dein Hoff*
CITY ENGINEER
DATE: 01/14/10

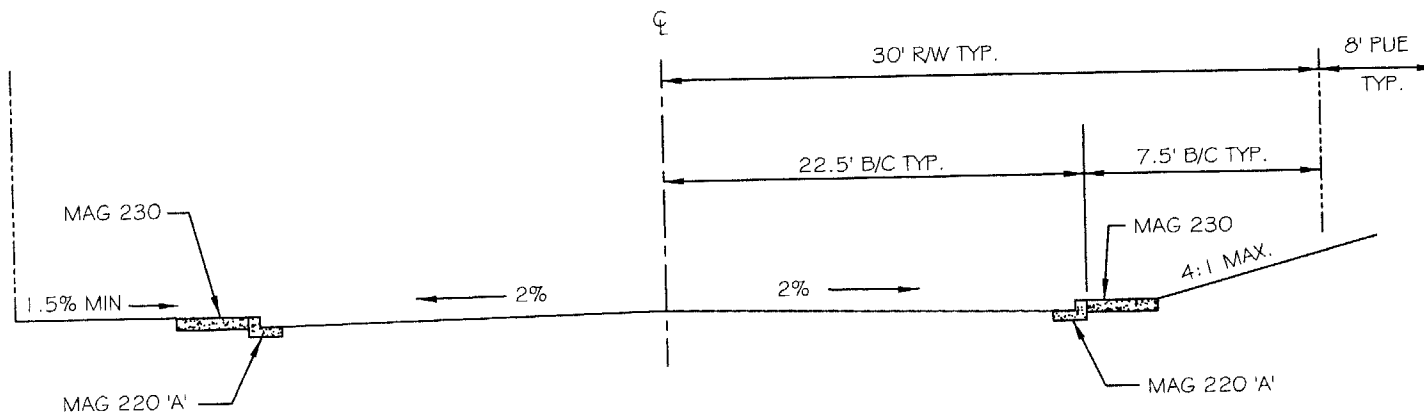
DETAIL NO.
C-208
NTS



NOTES:


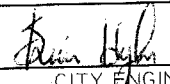
1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-241 FOR RESIDENTIAL AREAS AND COC STANDARD DETAIL C-240 FOR ALL OTHER AREAS.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK A-1 2.5 EVAC ASPHALTIC CONCRETE.
 - B. AREAS OF VISIBLE MIXTURE SEGREGATION SHALL BE MILLED TO A DEPTH OF 2" AND OVERLAID A MINIMUM OF THE LANE WIDTH.
 - C. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO EVAC AND MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710..
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY OR ON BOTH SIDES IN INDUSTRIAL AREAS.
5. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.
6. DUCTILE IRON WATER LINE UNDER STREET; METERS BACK OF WALK.

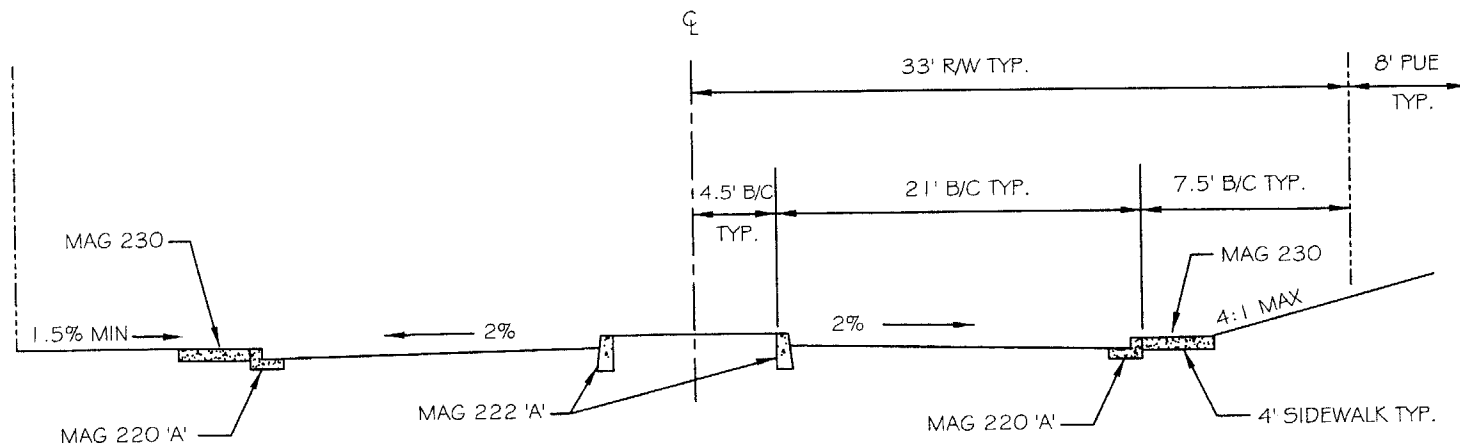
DETAIL NO. C-209 NTS	 CITY OF CHANDLER STANDARD DETAIL	COLLECTOR BOULEVARD TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-209 NTS
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NOTES:


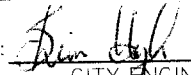
1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-241 FOR RESIDENTIAL AREAS AND COC STANDARD DETAIL C-240 FOR ALL OTHER AREAS.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK A-12.5 EVAC ASPHALTIC CONCRETE.
 - B. AREAS OF VISIBLE MIXTURE SEGREGATION SHALL BE MILLED TO A DEPTH OF 2" AND OVERLAID A MINIMUM OF THE LANE WIDTH.
 - C. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO EVAC AND MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY OR ON BOTH SIDES IN INDUSTRIAL AREAS.
5. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.



DETAIL NO. C-210 NTS	 CITY OF CHANDLER STANDARD DETAIL	COLLECTOR STREET TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-210 NTS
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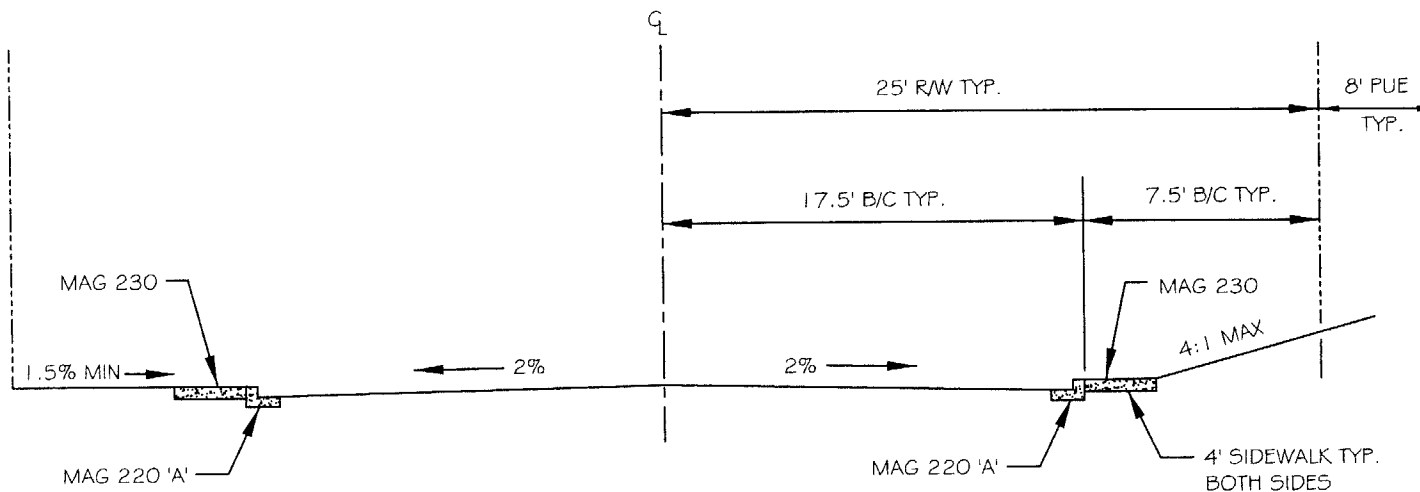


NOTES:

1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-242.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK R-12.5 EVAC ASPHALTIC CONCRETE.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY.
5. NO PARKING IS PERMITTED.
6. RAMP END OF MEDIAN PER COC STANDARD DETAIL C-225.
7. MEDIAN LANDSCAPE AREA SHALL BE PER DETAIL NO. L524 OF COC LANDSCAPE AND IRRIGATION DESIGN OF RIGHTS-OF-WAY, RETENTION BASINS, AND PARKS. (TDM #8) (MOUNDING IN MEDIAN NOT PERMITTED.)
8. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.


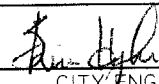
DETAIL NO. C-211 NTS	 CITY OF CHANDLER STANDARD DETAIL	LOCAL STREET WITH MEDIAN TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-211 NTS
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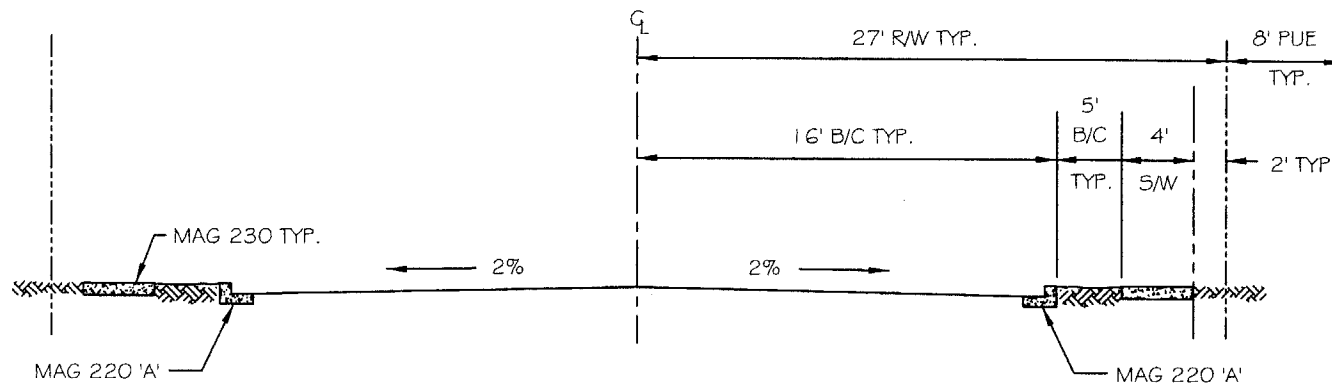
DETAIL NO. C-212 NTS	 CITY OF CHANDLER STANDARD DETAIL	LOCAL BOULEVARD WITH FRONTAGES LESS THAN 65' TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-212 NTS
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NOTES:



1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-242.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK R-12.5 EVAC ASPHALTIC CONCRETE.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE SIDE OF ROADWAY.
5. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.
6. IF ALL ABUTTING LOT FRONTAGES EXCEED 65', STREET WIDTH MAY BE REDUCED TO 32' (B.C.) AND ROW WIDTH MAY BE REDUCED TO 42'.
7. IF ALL ABUTTING LOT FRONTAGES EXCEED 90', STREET WIDTH MAY BE REDUCED TO 29' (B.C.) AND ROW WIDTH MAY BE REDUCED TO 42'.

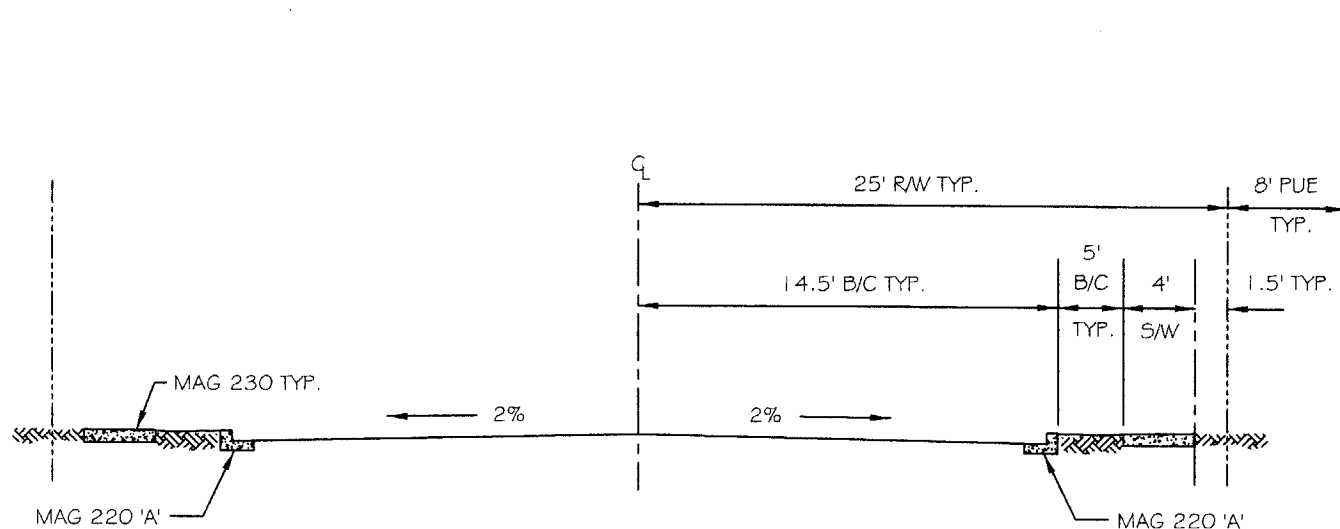
DETAIL NO. C-213 NTS	 CITY OF CHANDLER STANDARD DETAIL	LOCAL STREET TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-213 NTS
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NOTES:


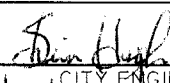
1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-241 FOR RESIDENTIAL AREAS AND COC STANDARD DETAIL C-240 FOR ALL OTHER AREAS.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK R-1 2.5 EVAC ASPHALTIC CONCRETE.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE OR BOTH SIDES OF ROADWAY.
5. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.
6. ALLOWED ONLY FOR SINGLE FAMILY RESIDENTIAL DEVELOPMENTS WITH FRONTAGES OF 65' TO 90'.
7. DUCTILE IRON WATER LINE UNDER STREET; METERS BACK OF WALK.

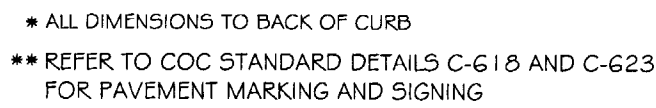
DETAIL NO. C-221 NTS	 CITY OF CHANDLER STANDARD DETAIL	LOCAL BOULEVARD WITH FRONTAGES OF 65' TO 90' TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-221 NTS
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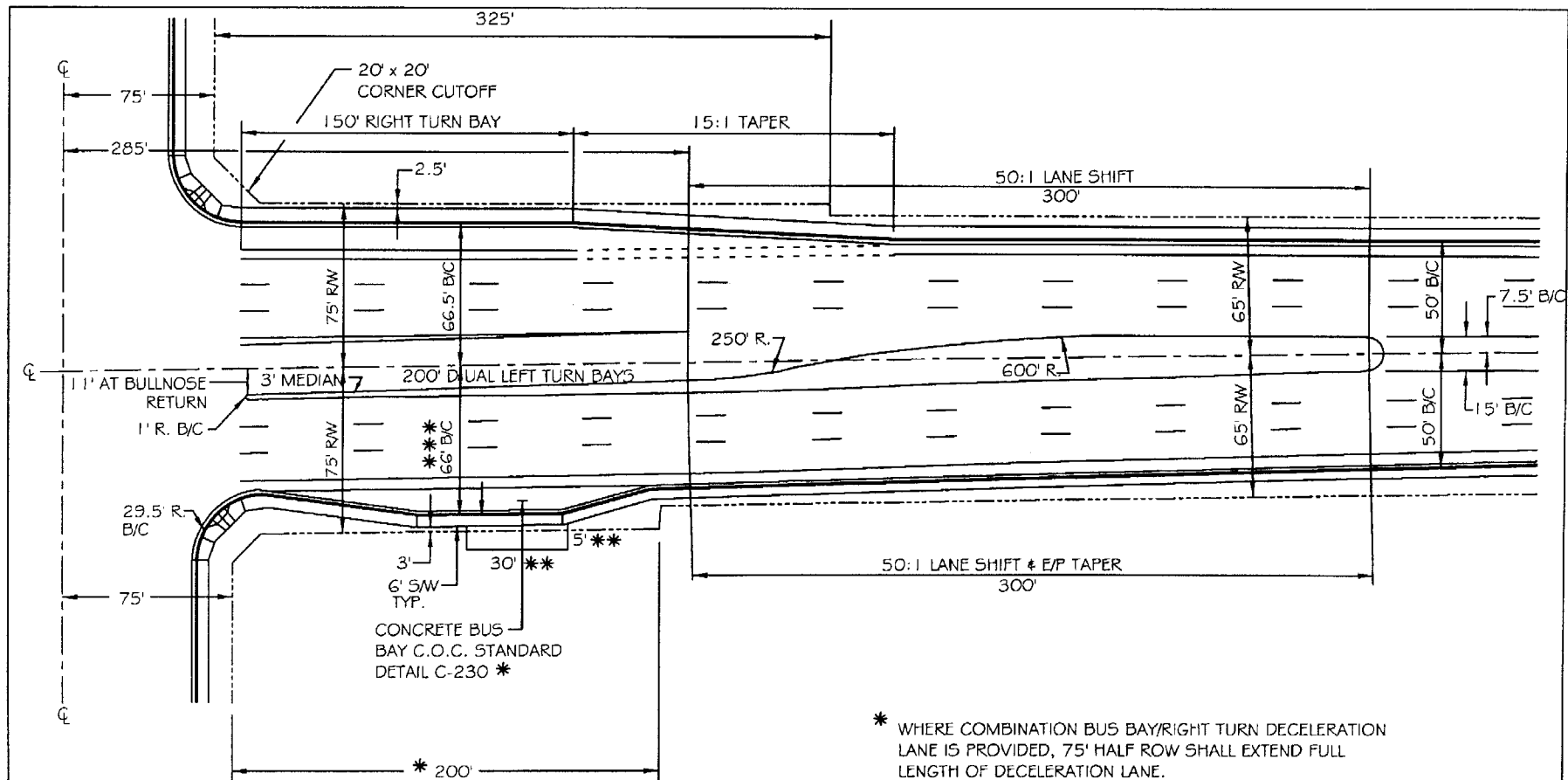
NOTES:

1. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STANDARD SPECIFICATIONS, SEC. 301.
2. BASE COURSE:
 - A. THE THICKNESS SHALL CONFORM TO COC STANDARD DETAIL C-241 FOR RESIDENTIAL AREAS AND COC STANDARD DETAIL C-240 FOR ALL OTHER AREAS.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 310 AND 702.
3. ASPHALTIC CONCRETE PAVEMENT:
 - A. THE PAVEMENT SHALL BE 3" THICK R-12.5 EVAC ASPHALTIC CONCRETE.
 - B. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO MAG STANDARD SPECIFICATIONS, SECS. 321 AND 710.
4. WHEN IN THE BEST INTEREST OF THE CITY, THE PUBLIC WORKS DIRECTOR, OR DESIGNEE, MAY WAIVE SIDEWALK ON ONE OR BOTH SIDES OF ROADWAY.
5. 0.2% MINIMUM LONGITUDINAL GRADE ALLOWED.
6. ALLOWED ONLY FOR SINGLE FAMILY RESIDENTIAL DEVELOPMENTS WITH FRONTAGES GREATER THAN 90'.
7. DUCTILE IRON WATER LINE UNDER STREET; METERS BACK OF WALK.

DETAIL NO. C-222 NTS	 CITY OF CHANDLER STANDARD DETAIL	LOCAL BOULEVARD WITH FRONTAGES GREATER THAN 90' TYPICAL CROSS SECTION	APPROVED:  CITY ENGINEER DATE: 01/14/10	DETAIL NO. C-222 NTS
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PAGE 1 OF 2



NOTES:

50 : 1 TAPERS FOR REDIRECTION OF THROUGH LANES
 15 : 1 TAPERS FOR RIGHT TURN BAY APPROACHES

- * WHERE COMBINATION BUS BAY/RIGHT TURN DECELERATION LANE IS PROVIDED, 75' HALF ROW SHALL EXTEND FULL LENGTH OF DECELERATION LANE.
- ** ADDITIONAL 5' X 30' EASEMENT SHALL BE REQUIRED OF DEVELOPER FOR BUS SHELTER PAD.
- *** 66.5' B/C AND 2.5' FOR INTEGRAL BUS BAY/DECELERATION LANE, SEE C.O.C. STANDARD DETAIL C-231.
- **** REFER TO COC STANDARD DETAIL C-619 AND C-623 FOR PAVEMENT MARKING AND SIGNING.

DETAIL NO.
C-223
 PAGE 2 OF 2



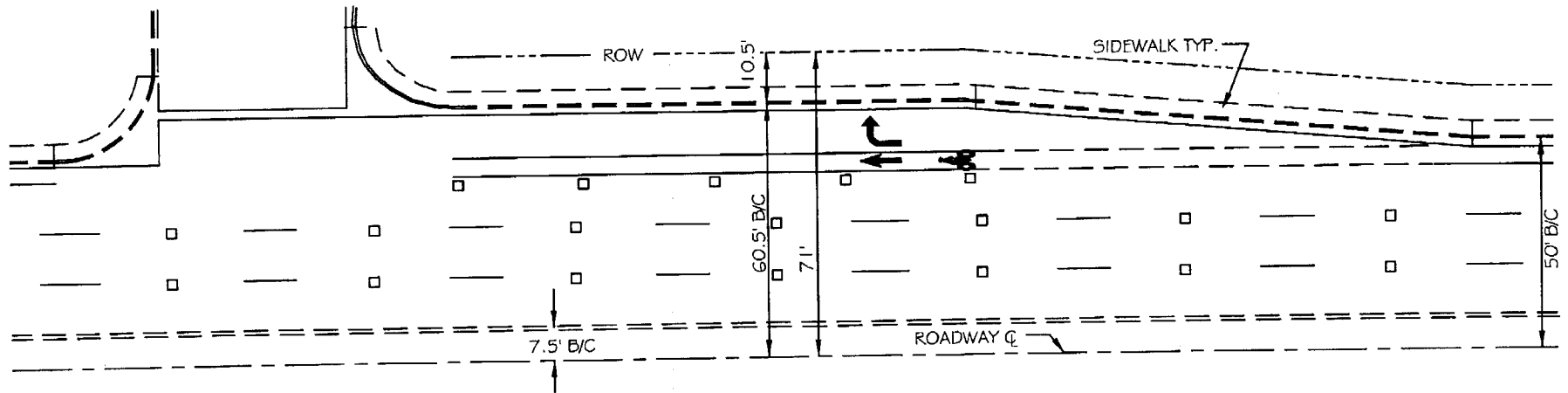
CITY OF
 CHANDLER
 STANDARD
 DETAIL

ULTIMATE MAJOR ARTERIAL/MAJOR ARTERIAL INTERSECTION RIGHT-OF-WAY, STREET DIMENSIONS

APPROVED: *[Signature]*
 CITY ENGINEER
 DATE: June 12/08

DETAIL NO.
C-223
 PAGE 2 OF 2

* REFER TO COC DETAIL C-620 FOR PAVEMENT MARKING AND SIGNING



DETAIL NO.
C-224
NTS

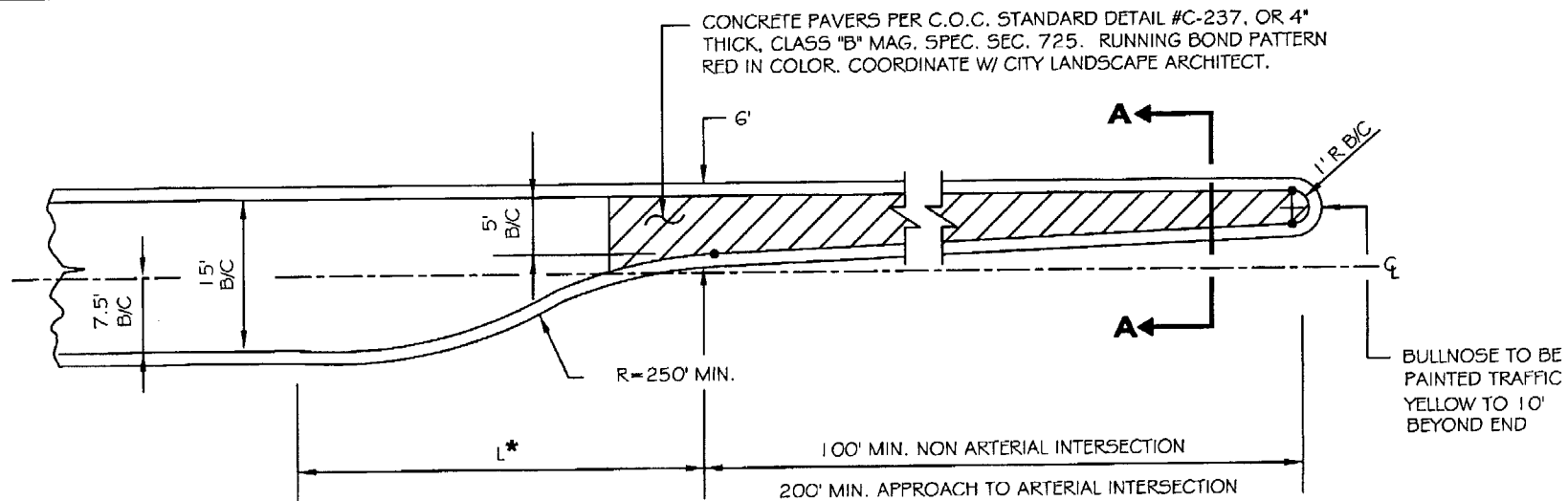


CITY OF
CHANDLER
STANDARD
DETAIL

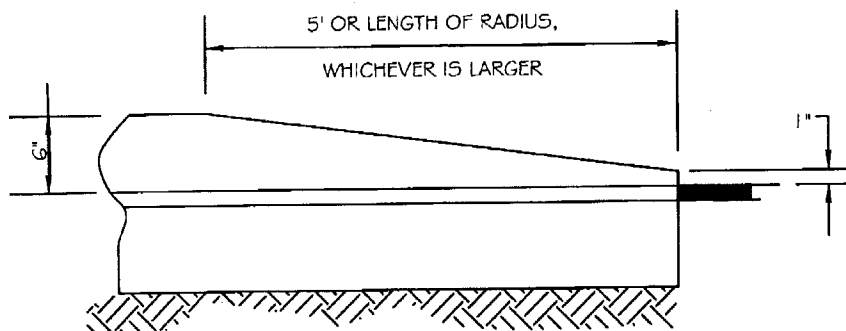
**MAJOR ARTERIAL
DECELERATION LANE**

APPROVED: *Jim B...*
CITY ENGINEER
DATE: 01/08/09

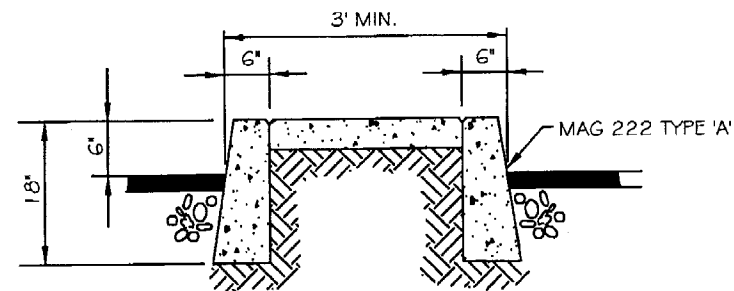
DETAIL NO.
C-224
NTS



* TAPER LENGTH 'L' = $\frac{WS}{3}$, WHERE 'W' IS TURN LANE WIDTH IN FEET AND 'S' IS DESIGN SPEED IN MPH. MINIMUM 'L' = 100'



END OF MEDIAN RAMP

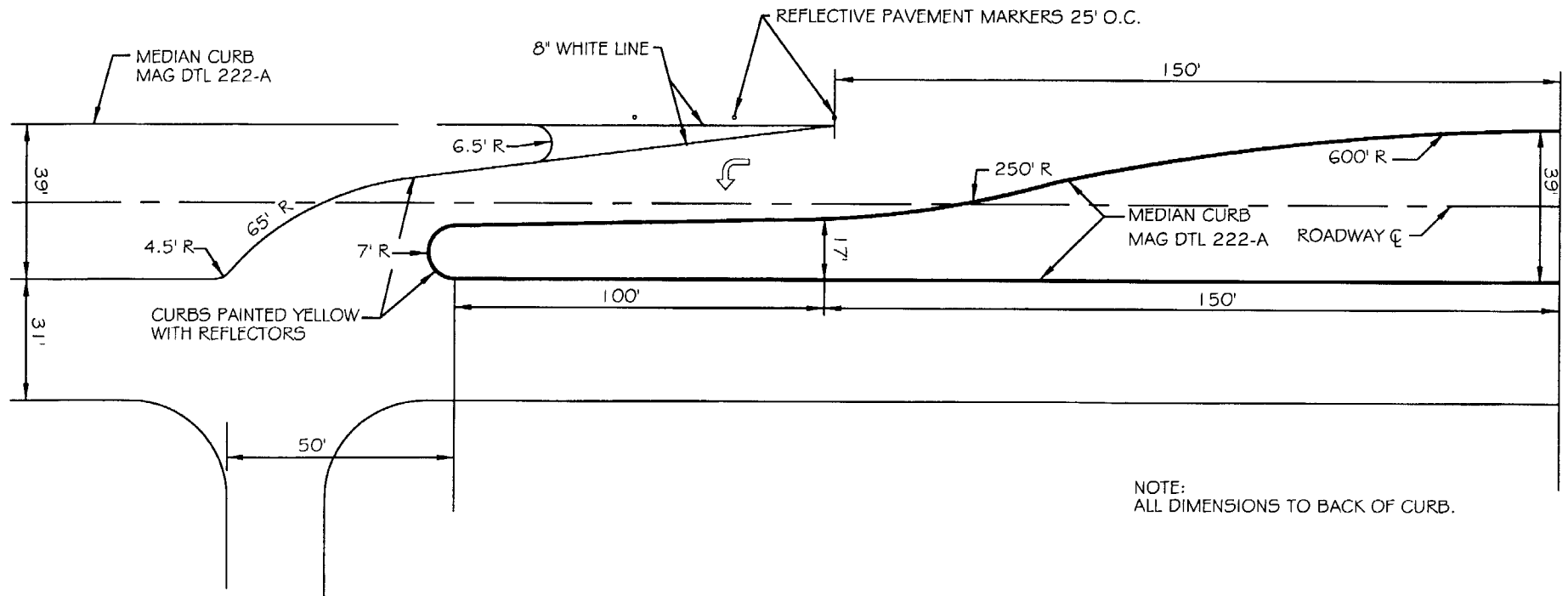


SECTION A - A

<p>DETAIL NO.</p> <p>C-225</p> <p>NTS</p>	 <p>CITY OF CHANDLER STANDARD DETAIL</p>	<p>GENERAL MEDIAN DESIGN</p>	<p>APPROVED: <i>John L. Smith</i> CITY ENGINEER</p> <p>DATE: 01/08/09</p>	<p>DETAIL NO.</p> <p>C-225</p> <p>NTS</p>
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N⁺S



NOTE:
ALL DIMENSIONS TO BACK OF CURB.

DETAIL NO.
C-227
NTS

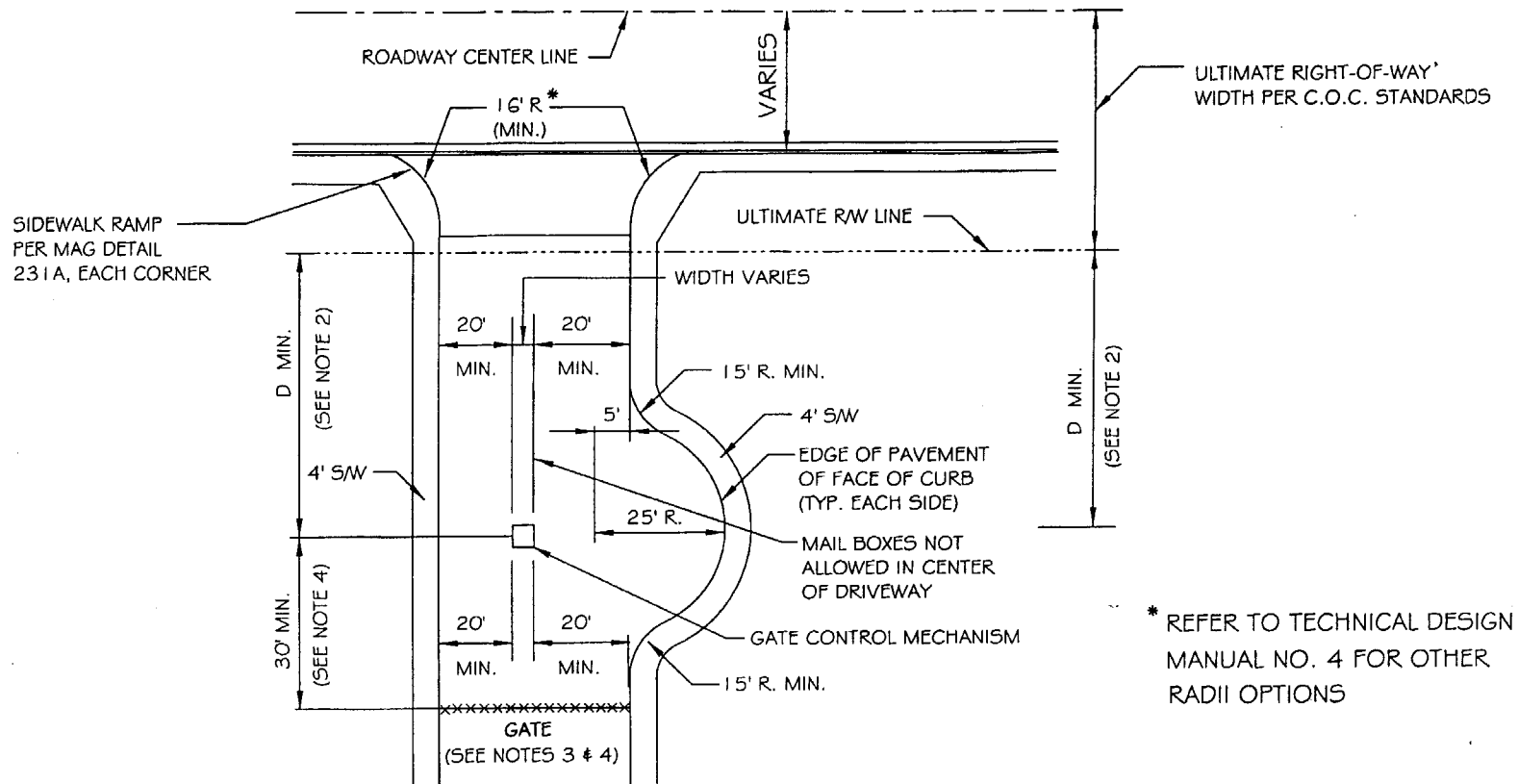


CITY OF
CHANDLER
STANDARD
DETAIL

**"LEFT IN ONLY" MEDIAN DESIGN
40' WIDE MEDIAN**

APPROVED *Elizabeth Lutz*
CITY ENGINEER
DATE: 2/26/07

DETAIL NO.
C-227
NTS



* REFER TO TECHNICAL DESIGN MANUAL NO. 4 FOR OTHER RADII OPTIONS

NOTES :

1. DRIVEWAY MAX. WIDTH = 45 FEET IN STREET R/W.
2. SETBACK REQUIREMENT BY NUMBER OF RESIDENTIAL UNITS:

NUMBER OF UNITS	D MIN.
LESS THAN 100	40'
101 TO 150	60'
151 TO 200	80'
GREATER THAN 200	100'

3. GATE INSTALLED AT BEGINNING OF 15' RADIUS.
4. 30' MIN. DIMENSION FROM CENTERLINE OF GATE CONTROL MECHANISM TO FACE OF GATE.
5. WHERE MORE THAN ONE ENTRY IS PROVIDED, D MIN. MAY BE REDUCED WITH APPROVAL OF CITY ENGINEER.
6. ELECTRICAL CONTROLLED GATES SHALL BE EQUIPPED WITH AN AUTOMATIC OPENING PRE-EMPTION DEVICE, TIMED TO REMAIN OPEN FOR 30 MINUTES, AND A KNOX KEY SWITCH OVERRIDE LOCATED AT THE GATE CONTROL MECHANISM.

DETAIL NO.

C-228

NTS



CITY OF
CHANDLER
STANDARD
DETAIL

TYPICAL DRIVEWAY ACCESS TO PRIVATE GATED COMMUNITY

APPROVED:

[Signature]
CITY ENGINEER

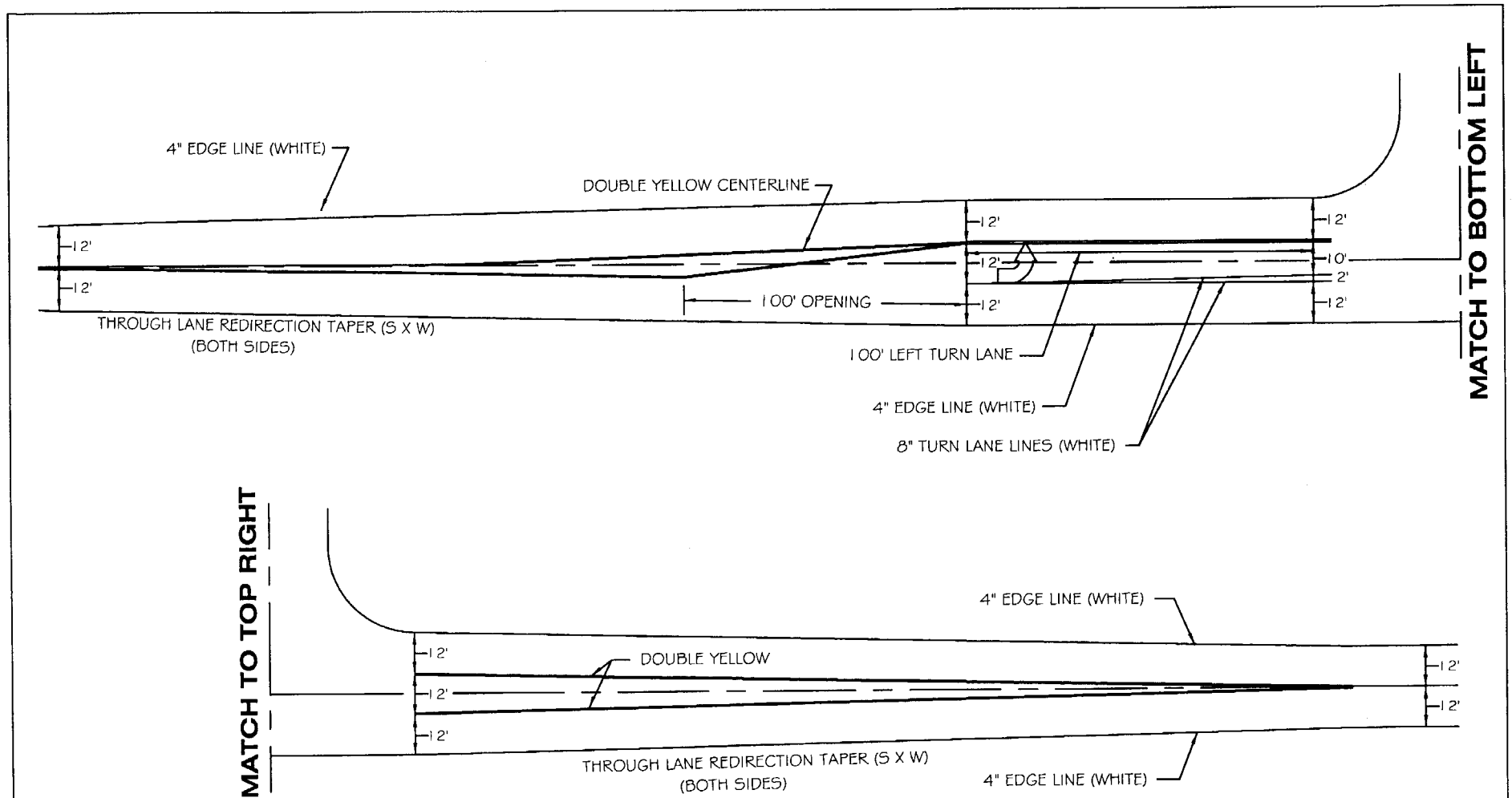
DATE:

11-19-99

DETAIL NO.



C-228

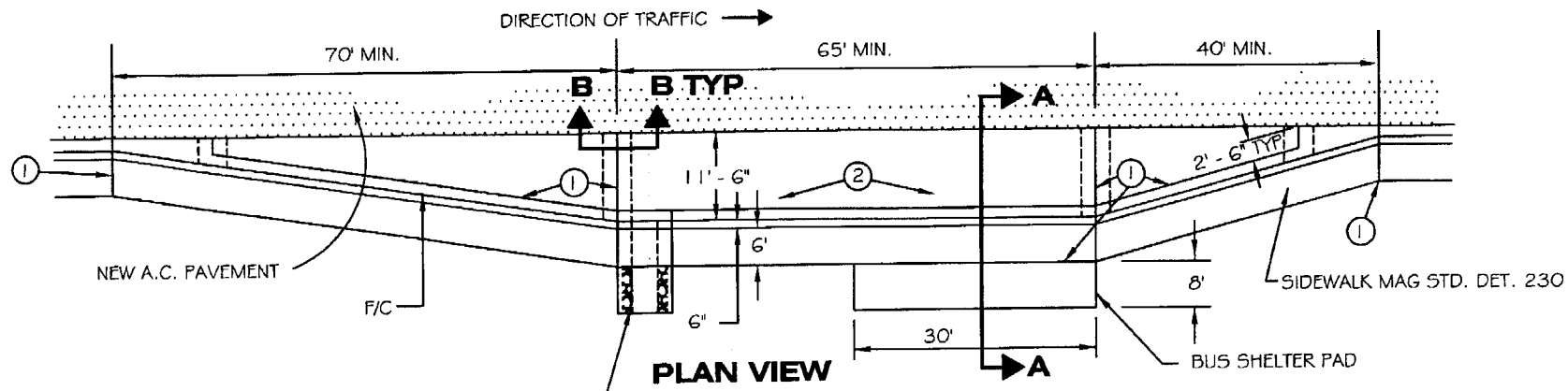
NTS



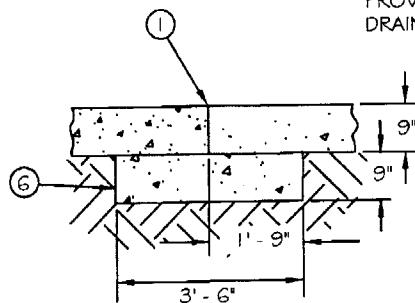
NOTE:

FOR SPEED LIMIT LESS THAN 40 M.P.H. USE 100' TURN LANE ENTRY

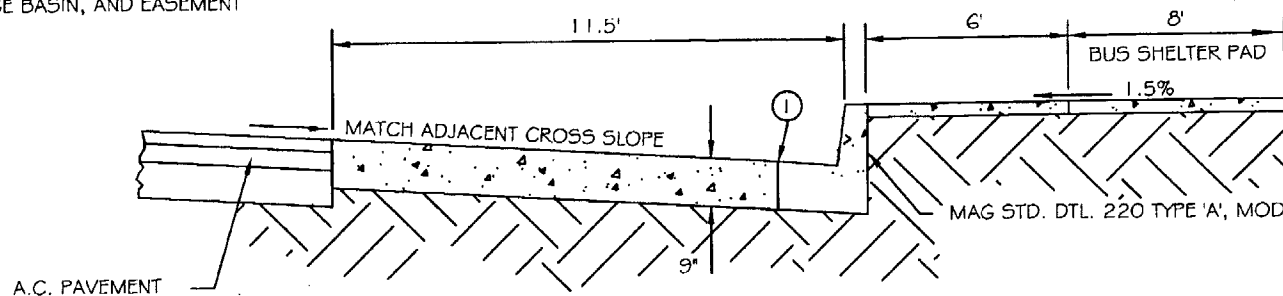
DETAIL NO. C-229 NTS	 CITY OF CHANDLER STANDARD DETAIL	LEFT TURN BAY ON TWO-LANE ROADWAY (TEMPORARY WIDENING, CROSS STREET ON ONE SIDE ONLY)	APPROVED  CITY ENGINEER DATE: <u>January 11, 2002</u>	DETAIL NO. C-229 NTS
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PROVIDE CONCRETE SCUPPER,
DRAINAGE BASIN, AND EASEMENT



SECTION B-B



SECTION A-A

NOTES:

1. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS PREFORMED EXPANSION JOINT FILLER ASTM D-1751. (FULL 8" DEPTH.)
2. CONCRETE BUS BAY SHALL BE BROOM FINISHED.
3. ALL CONCRETE SHALL CONFORM TO MAG STD. SPEC. SEC. 725. (CLASS 'A' FOR PAVEMENT.)
4. PLACE A COMBINATION CLEAR CURING COMPOUND AND WEATHER SEALER ON FINISHED SURFACE.
5. THE SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG STD. SPEC. SEC. 301.
6. CONCRETE PAD SHALL BE POURED SEPARATELY FROM THE BUS BAY PAVEMENT.
7. CONTRACTION JOINTS IN THE BUS BAY SHALL MATCH THE SPACING OF THOSE IN THE CURB AND GUTTER.

DETAIL NO.
C-230
NTS

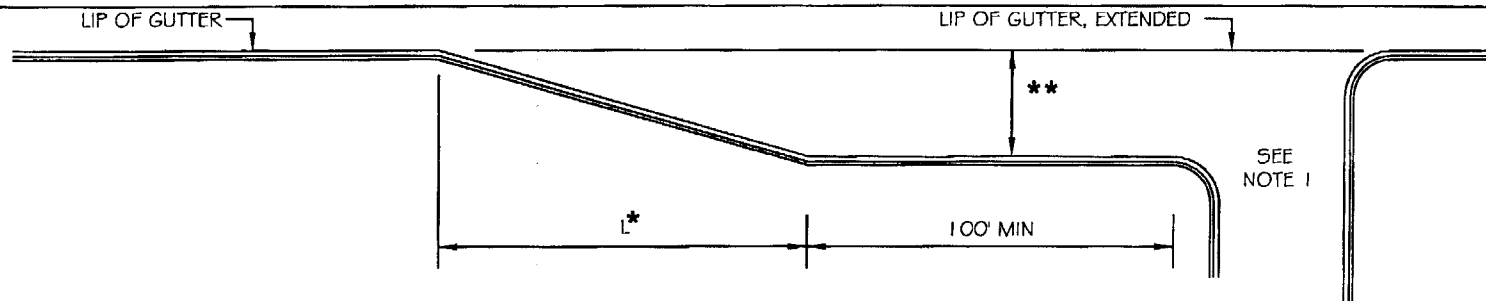


CITY OF
CHANDLER
STANDARD
DETAIL

CONCRETE BUS BAYS

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 01/08/09

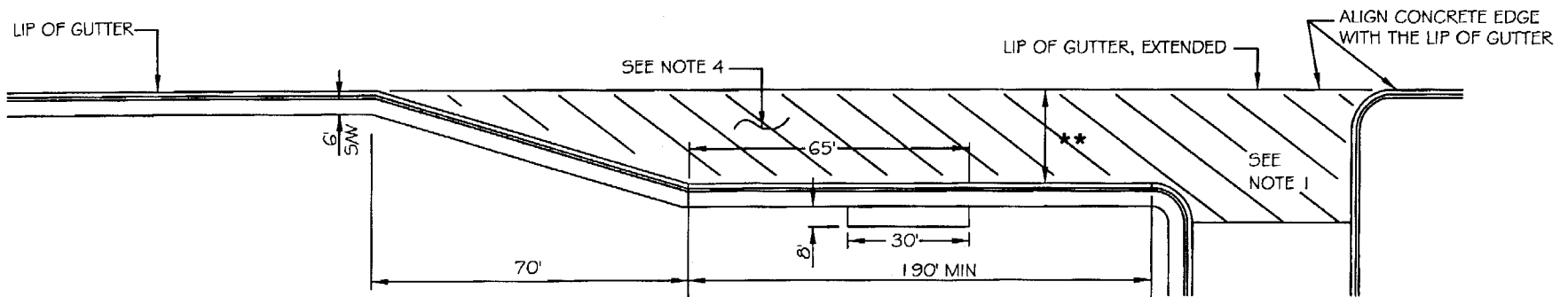
DETAIL NO.
C-230
NTS



RIGHT TURN/DECELERATION LANE FOR DRIVEWAYS

* TAPER LENGTH $L = \frac{WS}{3}$, WHERE W IS TURN LANE WIDTH
IN FEET AND S IS POSTED SPEED IN MPH. MINIMUM L = 100'

** 10.5' LIP TO LIP FOR ARTERIAL WITH BIKE LANE. SEE C-620 FOR STRIPING.



INTEGRAL BUS BAY/DECELERATION LANE

NOTES:

1. USE MAG STANDARD DETAIL 250 OR 251 FOR ENTRANCE, CURB AND SIDEWALK CONFIGURATION. RECOMMENDED DRIVEWAY DIMENSIONS ARE SPECIFIED IN TECHNICAL DESIGN MANUAL NO. 4, TABLE 7.
2. MAINTAIN NORMAL CROWN THROUGHOUT ENTIRE CROSS-SECTION. A VALLEY GUTTER IS NOT ALLOWED BETWEEN THE THROUGH LANE AND THE RIGHT TURN/DECELERATION LANE, OR IN THE BUS BAY/DECELERATION LANE.
3. THE SIDEWALK IS TO BE CONSTRUCTED ADJACENT TO THE BACK OF CURB FOR THE ENTIRE LANE LENGTH, BUS BAY/DECELERATION LANE ONLY.
4. BUS BAY / DECELERATION LANE SHALL BE CONSTRUCTED OF 9" MINIMUM CLASS 'A' CONCRETE.
5. REFER TO C-620 FOR SIGNING AND STRIPING.

DETAIL NO.

C-231

NTS



CITY OF
CHANDLER
STANDARD
DETAIL

RIGHT TURN/DECELERATION LANE FOR DRIVEWAYS

APPROVED:

DATE:

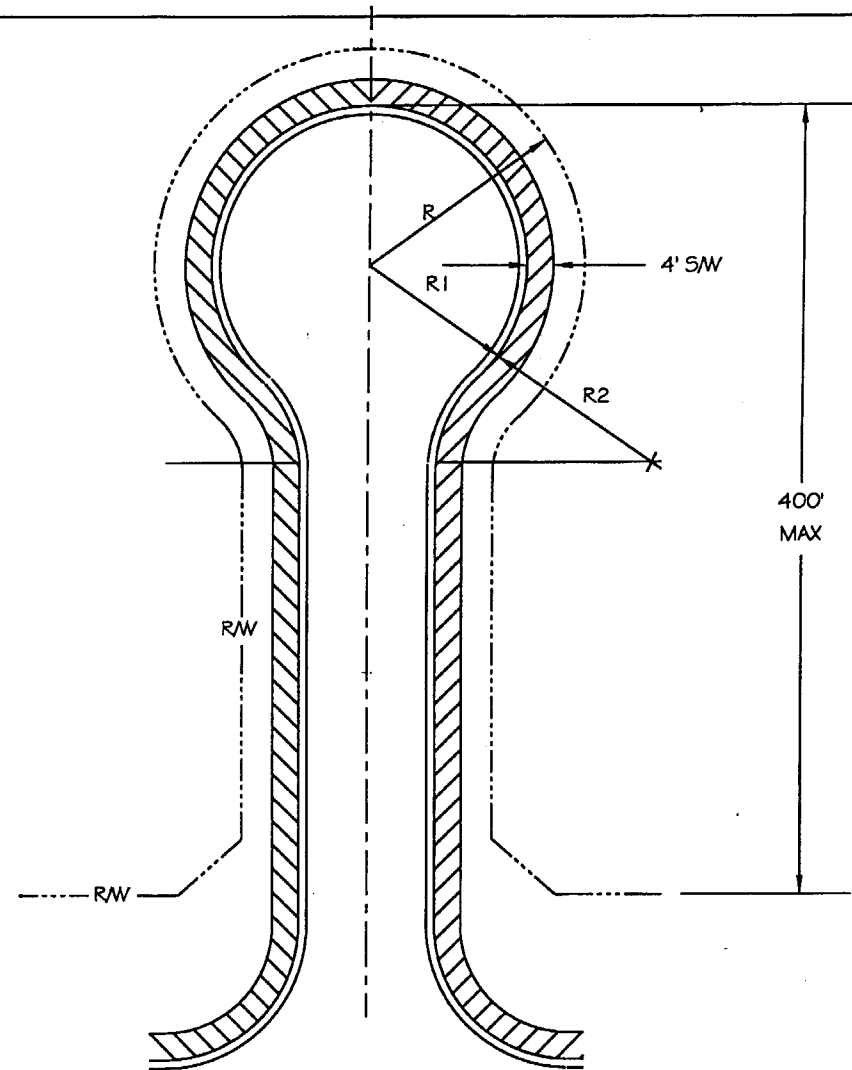
John H. [Signature]
CITY ENGINEER
01/06/09

DETAIL NO.

C-231

NTS

R- 50' MINIMUM (RW)
 R1 - 44 1/2' MINIMUM ROADWAY (B.O.C.)
 R2 - 25' MINIMUM ROADWAY (B.O.C.)



NOTES

1. CONCRETE: CITY OF CHANDLER STANDARD DETAIL C-213.
2. PAVING: CITY OF CHANDLER STANDARD DETAIL C-213.
3. SIDEWALKS REQUIRED. CITY OF CHANDLER STANDARD DETAIL C-213.

C-232
 REPLACES
41

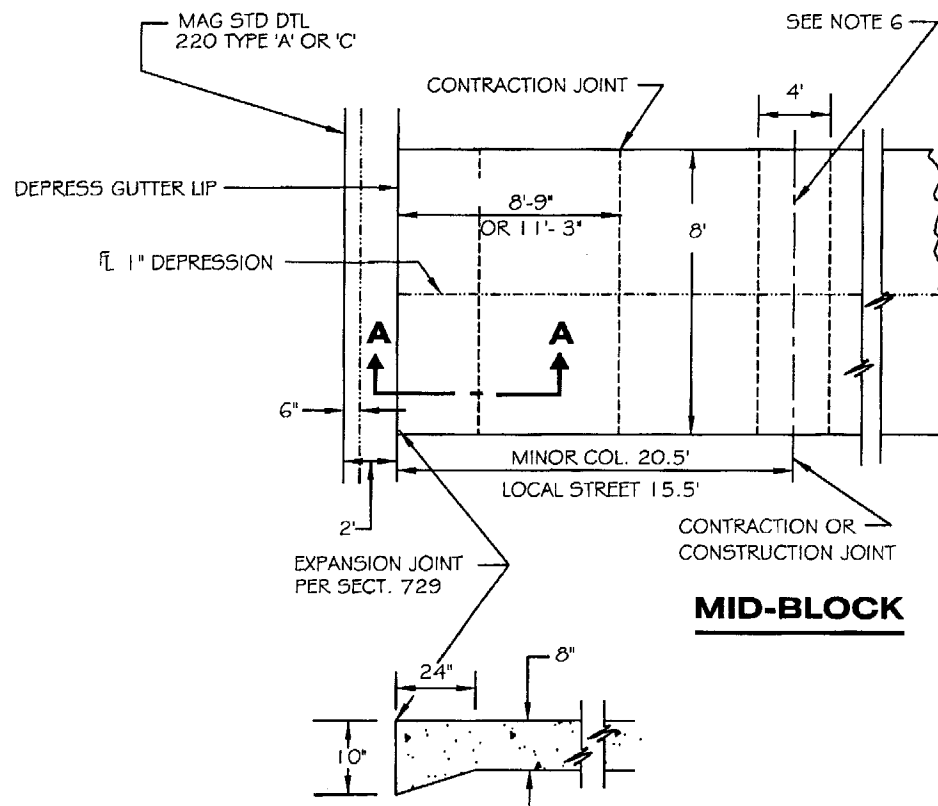


CITY OF
 CHANDLER
 STANDARD
 DETAIL

CUL-DE-SAC

APPROVED: *Brian D. Patterson*
 CITY ENGINEER
 DATE: 11-19-99

DETAIL NO.
C-232
 NTS

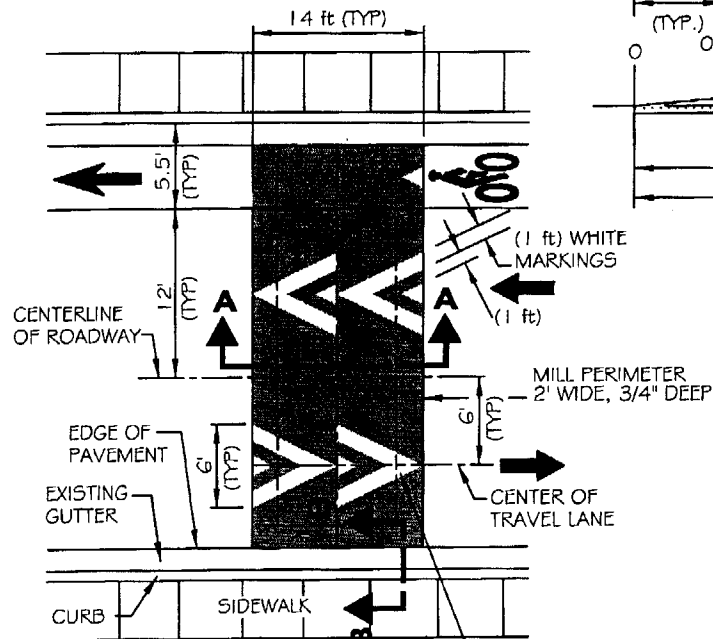


MID-BLOCK

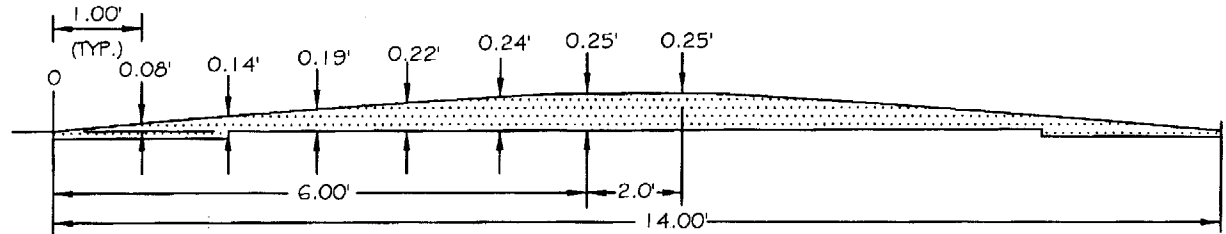
1. SECTION A-A REQUIRED WITH 8' VALLEY GUTTERS AT MIDBLOCK ONLY.
2. 8' VALLEY GUTTER IN MIDBLOCK USES SAME JOINTING AS AT INTERSECTION.
3. 8' MIDBLOCK VALLEY GUTTER IS TO BE USED ON LOCAL AND MINOR COLLECTOR STREETS ONLY.
4. ALL CONCRETE TO BE CLASS 'B' UNLESS OTHERWISE APPROVED. (SECT. 725)
5. EITHER CONSTRUCTION JOINT OR CONTRACTION JOINT IS REQUIRED AT CENTER LINE OF STREET.
6. A SEPARATE CONCRETE PAD IS REQUIRED WHEN VALLEY GUTTER IS POURED HALF AT A TIME.
7. THIS 8' VALLEY GUTTER DETAILS SHALL TO BE USED WHERE THROUGH TRAFFIC IS NOT REQUIRED TO STOP. AT STOP-CONTROLLED LEGS OF INTERSECTIONS, MAG STD DTL 240 SHALL BE USED.

VALLEY GUTTER

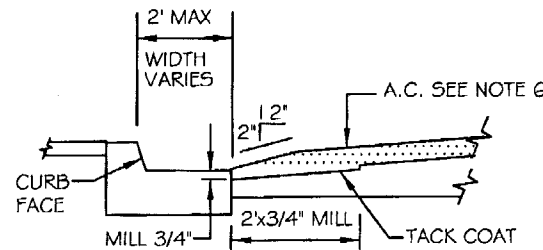
DETAIL NO.
C-233
NTS



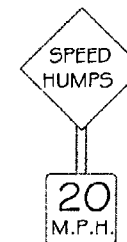
PLAN VIEW



CROSS SECTION A-A



CROSS SECTION B-B



R17-1 W/ SUPPLEMENTAL PLATE TO BE INSTALLED APPROX. 150' IN ADVANCE OF APPROACH TO FIRST HUMP (TYP.), AT OR NEAR RESIDENTIAL PROPERTY LINE, WHEN CITY ROW, OR ON STREET LIGHT POLE.

NOTES:

1. HUMPS MUST BE THE FULL 0.25' FOR MAXIMUM EFFECT BUT SHALL NOT EXCEED 0.27'.
2. HUMPS CONSTRUCTED OVER 0.27' SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
3. CROSS-SECTION ELEVATIONS SHALL HAVE A MAXIMUM TOLERANCE OF $\pm 0.02'$.
4. SPEED HUMPS SHALL NOT BE PLACED OVER MANHOLES, WATER VALVES, JUNCTION STRUCTURES, ETC.
5. THE EXISTING ROADWAY SHALL BE MILLED TO A DEPTH OF 3/4", AROUND THE PERIMETER AS SHOWN. CROSS SECTION DIMENSIONS DO NOT INCLUDE THE 3/4" MILLING.
6. HUMP SHALL BE CONSTRUCTED WITH A 12.5 MM EVAC MIX. A TACK COAT SHALL BE APPLIED PRIOR TO APPLICATION OF PAVEMENT.
7. SPEED HUMPS SHALL BE PLACED AT LOCATIONS APPROVED BY TRAFFIC ENGINEERING.
8. CONTACT TRAFFIC ENGINEERING (782-3454) ONE WEEK PRIOR TO INSTALLATION TO COORDINATE PAVEMENT MARKINGS AND SIGNING.

DETAIL NO.

C-234

NTS



CITY OF
CHANDLER
STANDARD
DETAIL

14' SPEED HUMP

APPROVED:

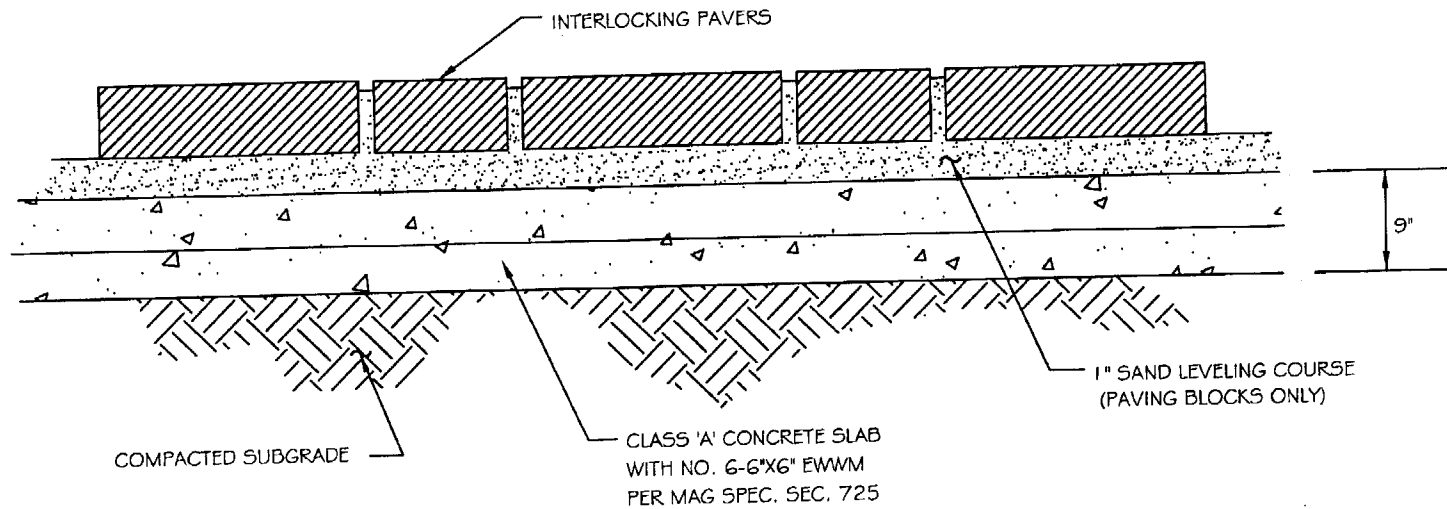
DATE:

CITY ENGINEER

DETAIL NO.



C-234

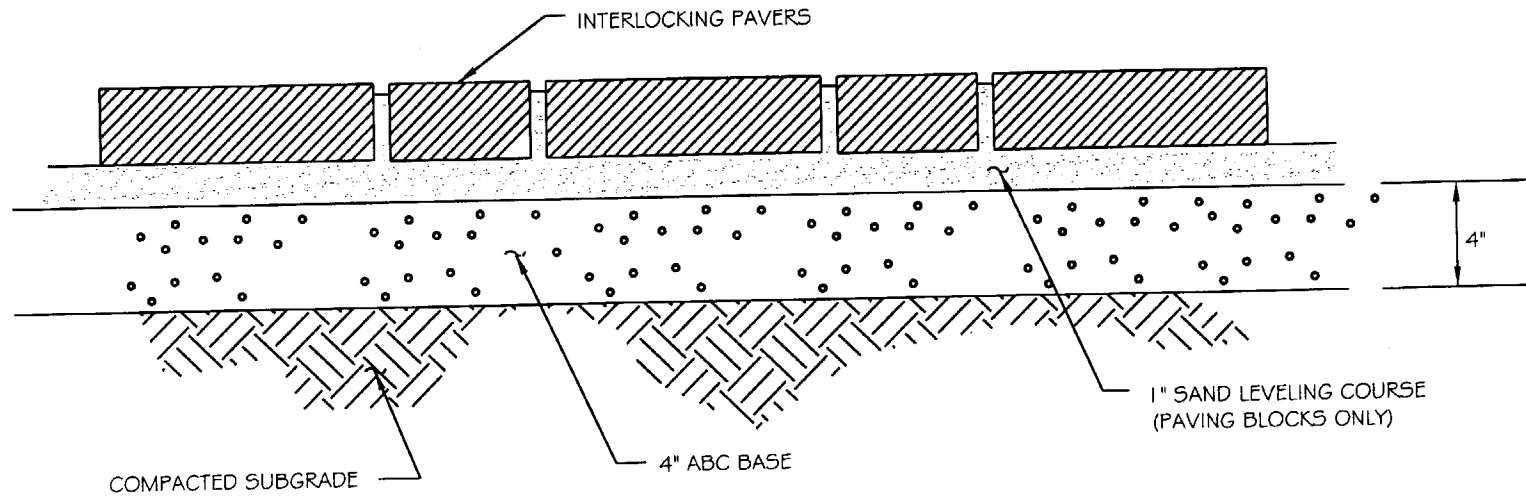
NTS



NOTES:

1. 12" MINIMUM CONCRETE RIBBON TO BE PLACED ON THE SIDES AND AT THE BEGINNING AND END OF PAVERS.
2. PROVIDE CITY STONE II, OLD TOWN BLEND PAVER AND PATTERN.
3. DEVELOPER SHALL SUPPLY THE CITY 100 EACH REPLACEMENT PAVERS.

DETAIL NO. C-236 NTS	 CITY OF CHANDLER STANDARD DETAIL	INTERLOCKING PAVING BLOCKS AND DECORATIVE CONCRETE TRAVELED SURFACE	APPROVED:  CITY ENGINEER DATE: <u>01/08/09</u>	DETAIL NO. C-236 NTS
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NOTES:

1. 12" MINIMUM CONCRETE RIBBON TO BE PLACED ON THE SIDES AND AT THE BEGINNING AND END OF PAVERS.
2. PROVIDE CITY STONE II, OLD TOWN BLEND PAVER AND PATTERN.
3. DEVELOPER SHALL SUPPLY CITY WITH 100 EACH REPLACEMENT PAVERS.

C-237
REPLACES
14B



CITY OF
CHANDLER
STANDARD
DETAIL

**INTERLOCKING PAVING BLOCKS
AND DECORATIVE CONCRETE
NON-TRAVELED SURFACE**

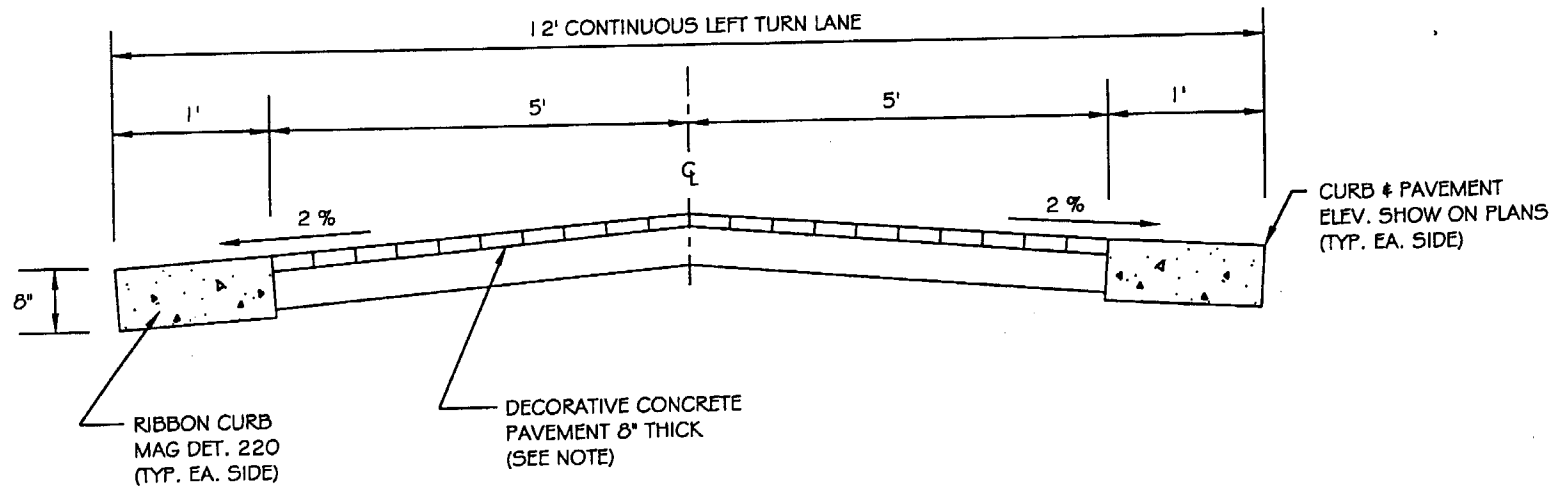
APPROVED:

DATE:

Elizabeth H. [Signature]
CITY ENGINEER
2/26/07

DETAIL NO.

C-237
NTS



NOTE:

1. DECORATIVE CONCRETE SHALL BE COMMON BRICK PATTERN CONSTRUCTED IN ACCORDANCE WITH MAG SPEC. 340 WITH A MINIMUM THICKNESS OF 8". DECORATIVE SURFACE SHALL BE 3000 PSI MIX (6 SACK MIN.) IF NOT POURED MONOLITHICALLY IT SHALL BE POURED WITHIN 4 HOURS OF THE BASE COURSE WITH A MINIMUM THICKNESS OF 1-1/2" AND FINISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. COLOR TO BE APPROVED BY CITY ENGINEER.

C-238
REPLACES
14C



CITY OF
CHANDLER
STANDARD
DETAIL

**DECORATIVE CONCRETE AT GRADE
TRAVELED SURFACE**

APPROVED:

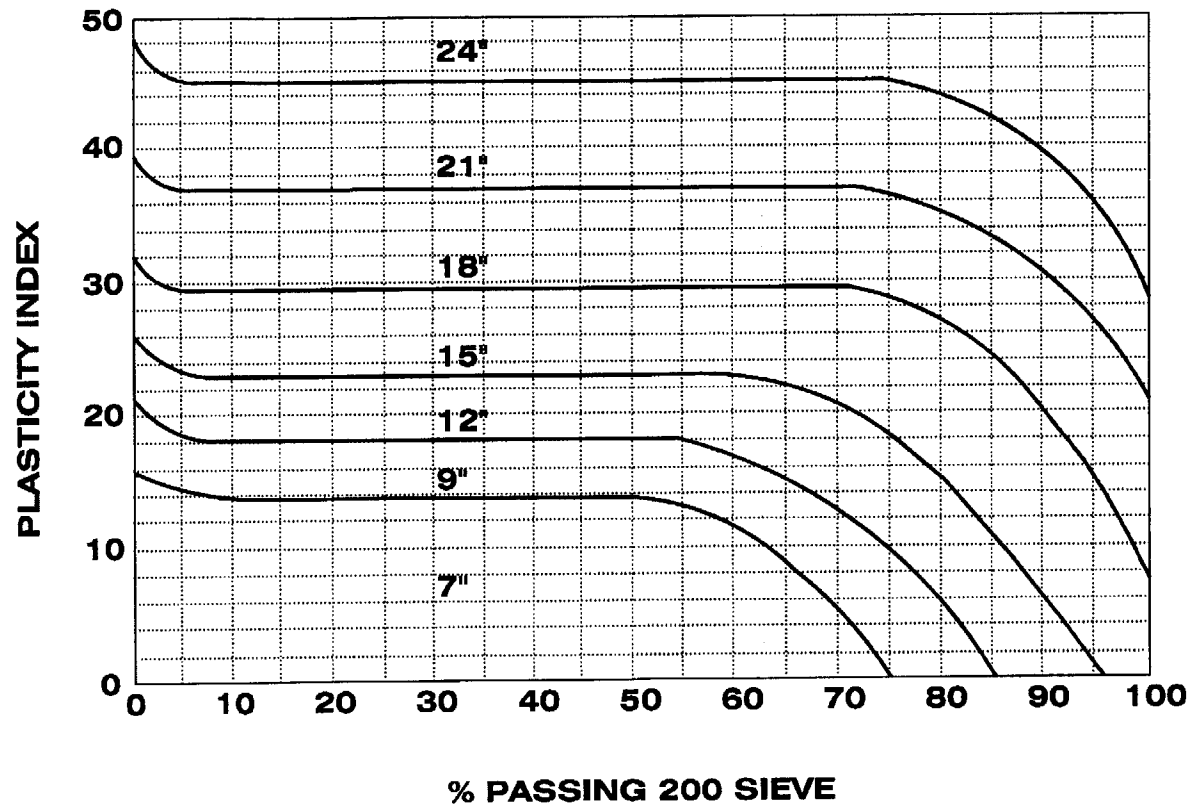
Raymond D. Patterson
CITY ENGINEER

DATE: 11-19-99

DETAIL NO.


C-238
NTS

BASE THICKNESS CHART

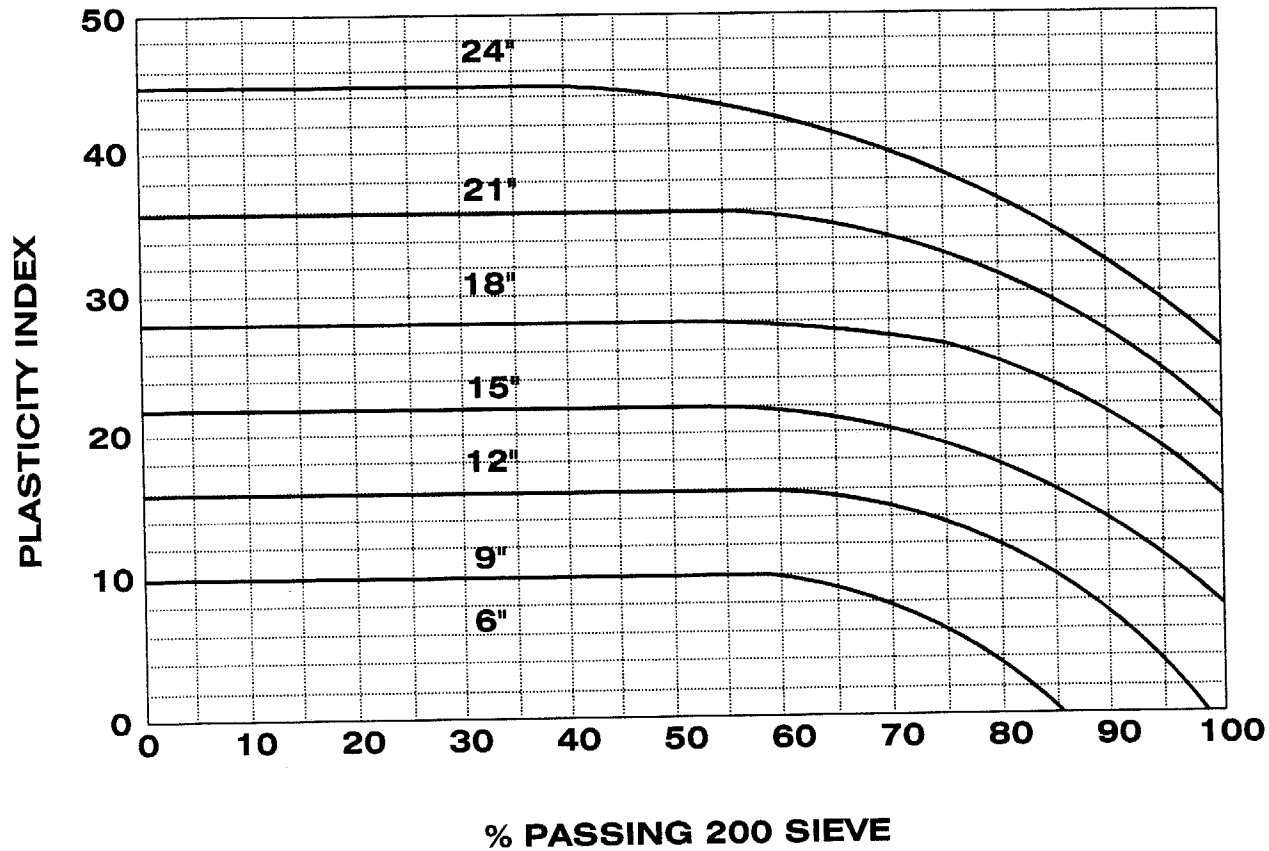


NOTES:

1. TOP 6" OF BASE SHALL BE ABC. BALANCE SHALL BE ABC OR SELECT MATERIAL.
2. MINIMUM DEPTH OF FLEXIBLE BASE COURSE REQUIRED UNDER 5" (MIN.) BIT. SURFACE.

DETAIL NO. C-239 NTS	 CITY OF CHANDLER STANDARD DETAIL	DEPTH OF BASE COURSE MAJOR & MINOR ARTERIALS	APPROVED:  CITY ENGINEER DATE: <u>01/06/09</u>	DETAIL NO. C-239 NTS
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BASE THICKNESS CHART



NOTES:

1. TOP 6" OF BASE SHALL BE ABC.
BALANCE SHALL BE ABC OR SELECT MATERIAL.
2. MINIMUM DEPTH OF FLEXIBLE BASE COURSE REQUIRED UNDER 3" (MIN.) BIT. SURFACE.

DETAIL NO.

C-240

NTS



CITY OF
CHANDLER
STANDARD
DETAIL

DEPTH OF BASE COURSE NON RESIDENTIAL COLLECTOR & LOCAL STREETS

APPROVED: _____

CITY ENGINEER

DATE: _____

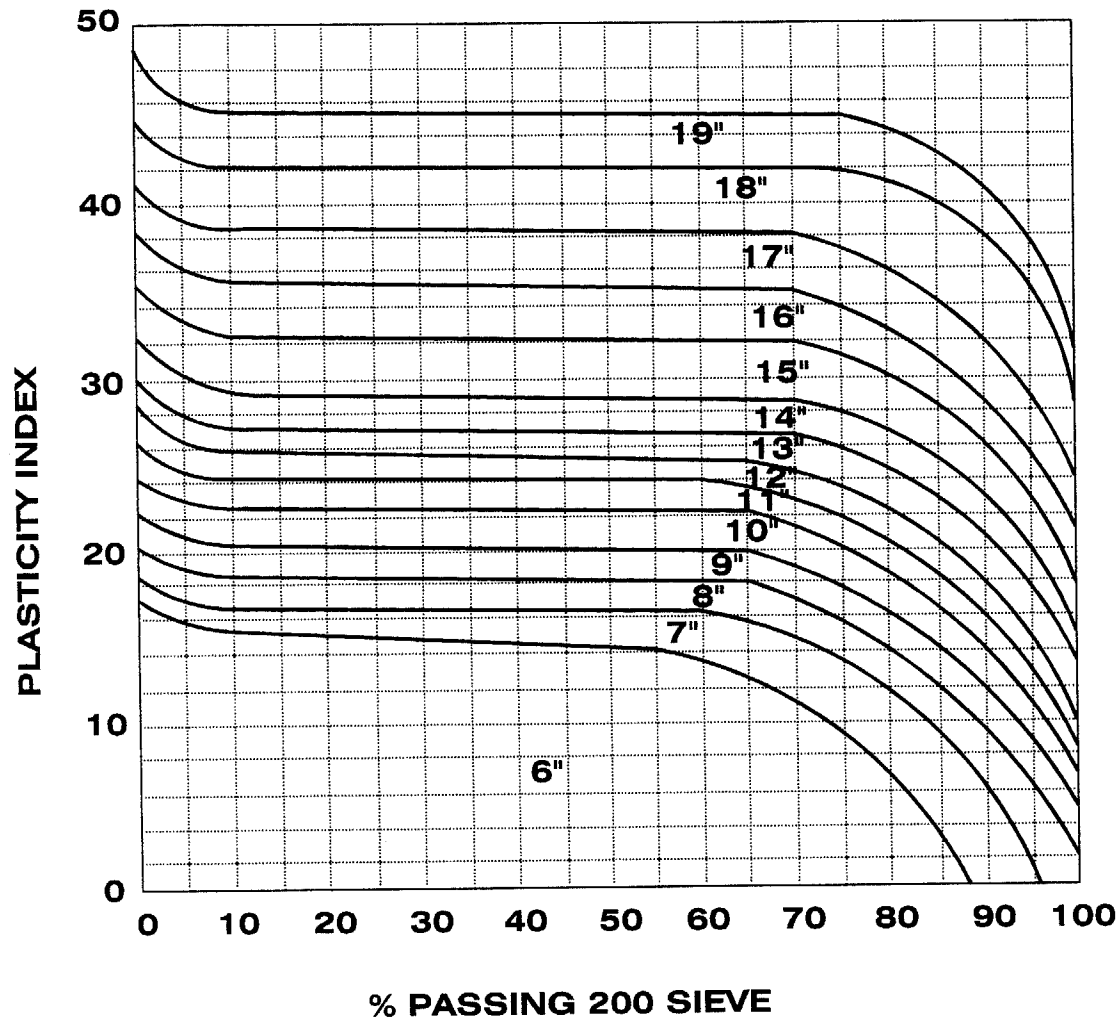
01/14/16

DETAIL NO.

C-240

NTS

BASE THICKNESS CHART



NOTES:

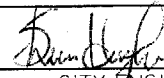
1. TOP 6" OF BASE SHALL BE ABC. BALANCE SHALL BE ABC OR SELECT MATERIAL.
2. MINIMUM DEPTH OF FLEXIBLE BASE COURSE REQUIRED UNDER 3" (MIN.) BIT. SURFACE.

DETAIL NO.
C-241
NTS



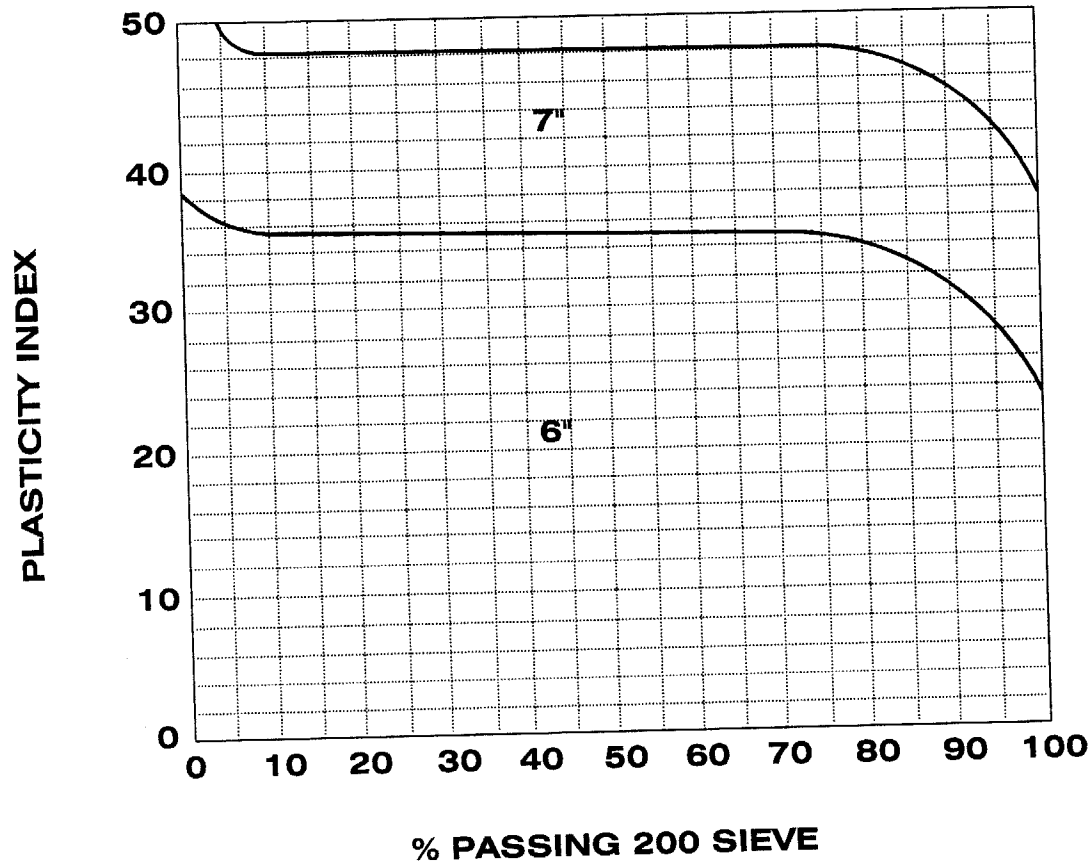
CITY OF
CHANDLER
STANDARD
DETAIL

DEPTH OF BASE COURSE COLLECTOR STREETS

APPROVED: 
CITY ENGINEER
DATE: 01/14/10

DETAIL NO.
C-241
NTS

BASE THICKNESS CHART



NOTE:

MINIMUM DEPTH OF FLEXIBLE BASE COURSE REQUIRED UNDER 3" (MIN.) BIT. SURFACE.

DETAIL NO.

C-242

NTS



CITY OF
CHANDLER
STANDARD
DETAIL

DEPTH OF BASE COURSE RESIDENTIAL LOCAL STREETS

APPROVED:

[Signature]
CITY ENGINEER

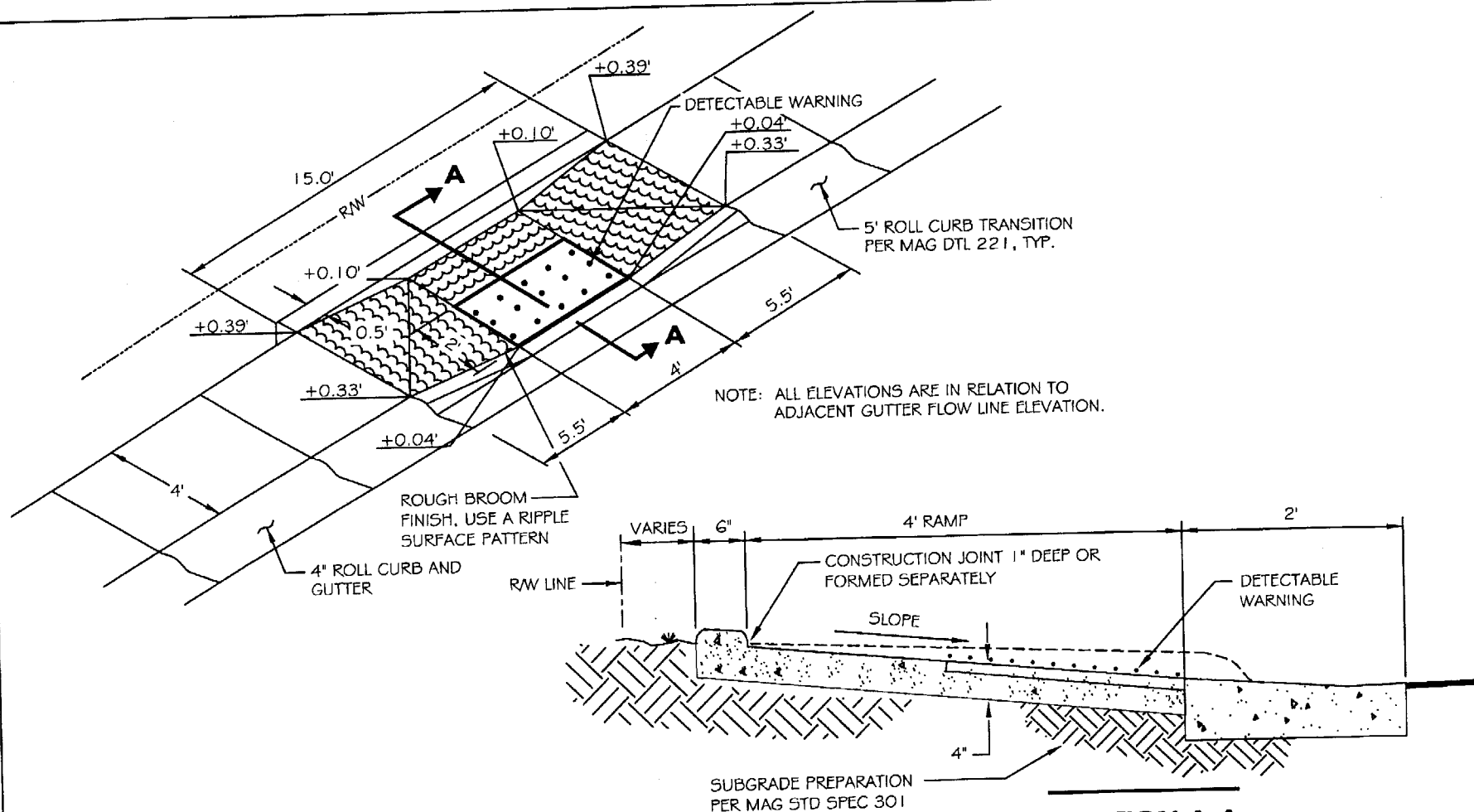
DATE:

01/14/10

DETAIL NO.

C-242

NTS



NOTES:

1. CONTROL ELEVATIONS SHOWN ARE IN RELATION TO GUTTER E ELEVATION = 0.00
2. CLASS 'B' CONC. CONSTRUCTION AS PER M.A.G. STD. SPEC. 725.
3. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY CAST IN TAC, TEKWAY DOME TILES WITH ANCHOR SYSTEM, RAMP DOME SYSTEMS WITH METAL FRAME, ADA SOLUTIONS HEAVY DUTY COMPOSITE WET SET REPLACEABLE TILES WITH ANCHORS, OR APPROVED EQUAL. COLOR SHALL BE TERRACOTTA. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

DETAIL NO.
C-243
NTS

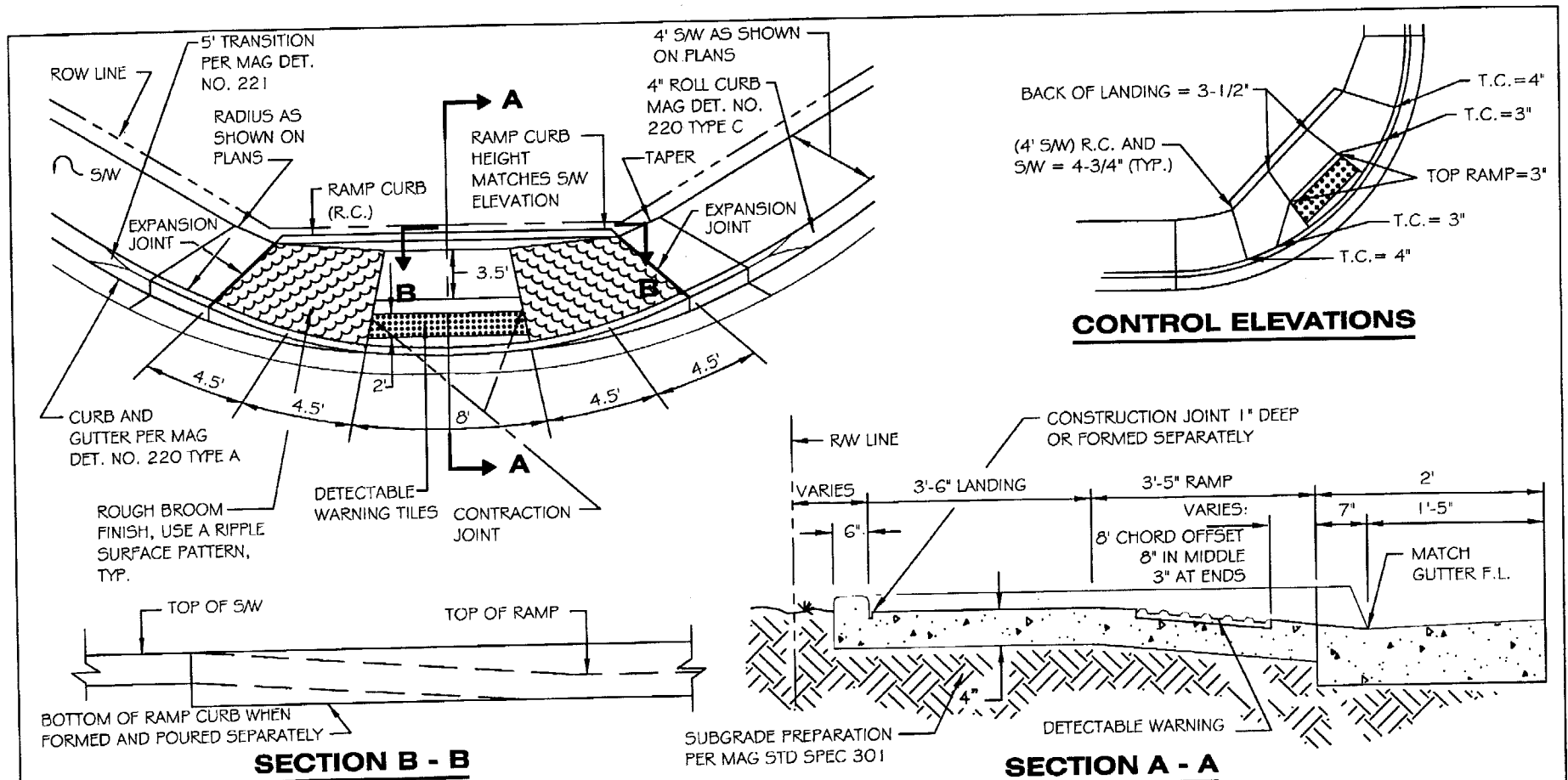


CITY OF
CHANDLER
STANDARD
DETAIL

SIDEWALK RAMP FOR ROLL CURB

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 01/09/09

DETAIL NO.
C-243
NTS



NOTES:

1. CONTROL ELEVATIONS SHOWN ARE IN RELATION TO GUTTER AND ARE LOCATED RADIALY. GUTTER ELEVATION = 0.00
2. CLASS 'B' CONCRETE CONSTRUCTION IN ACCORDANCE WITH MAG SECTION 725.
3. WHEN CURB HEIGHTS OF 6" ARE SHOWN ON PLANS, USE MAG STANDARD DETAIL NO. 231.
4. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY CAST IN TAC, TEKWAY DOME TILES WITH ANCHOR SYSTEM, RAMP DOME SYSTEMS WITH METAL FRAME, ADA SOLUTIONS HEAVY DUTY COMPOSITE WET SET REPLACEABLE TILES WITH ANCHORS, OR APPROVED EQUAL. COLOR SHALL BE TERRACOTTA. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

DETAIL NO.
C-244
NTS



CITY OF
CHANDLER
STANDARD
DETAIL

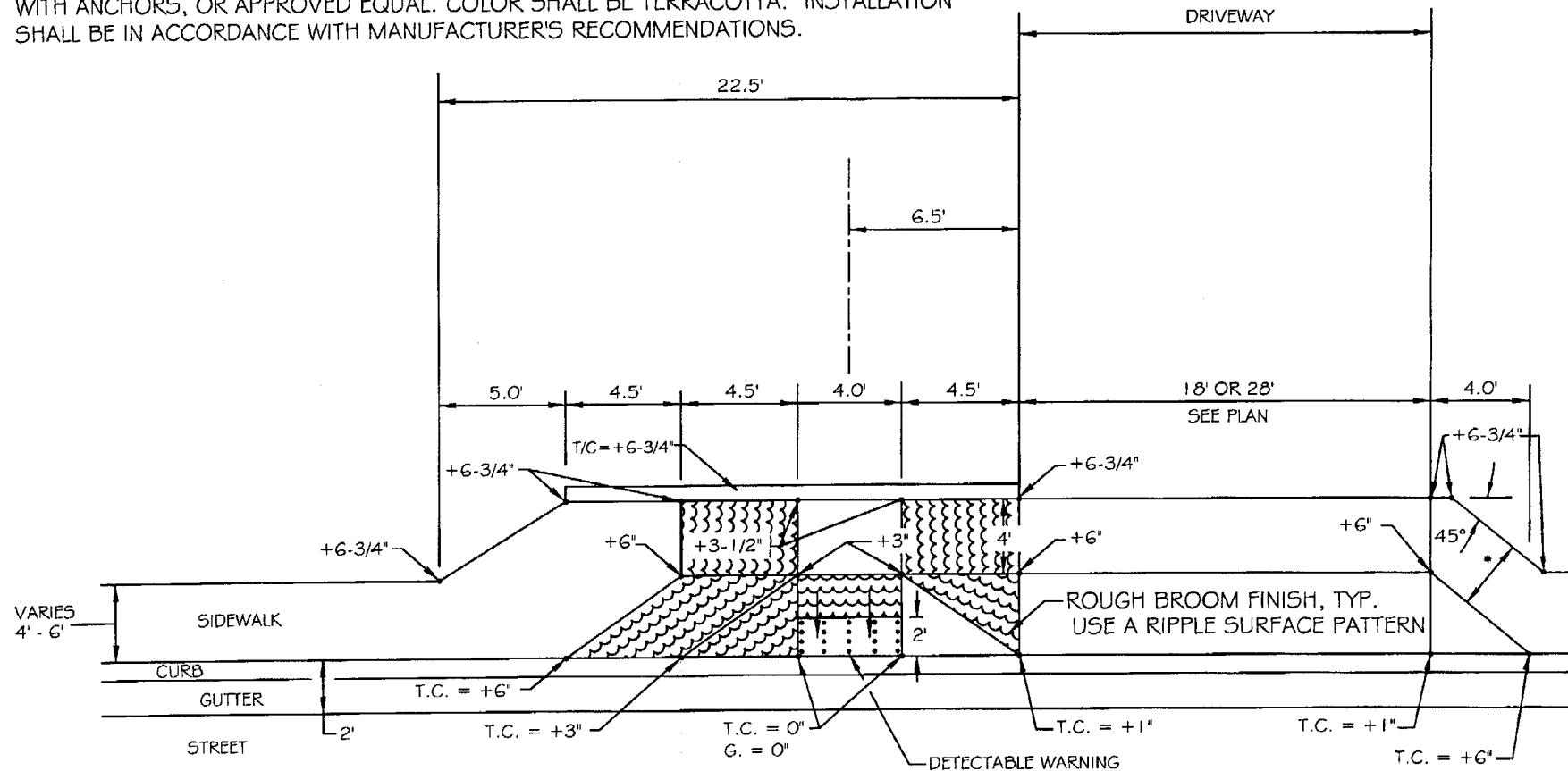
SIDEWALK RAMP AT INTERSECTIONS FOR ROLL CURB

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 01/08/09

DETAIL NO.
C-244
NTS

NOTE:

DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY CAST IN TAC, TEKWAY DOME TILES WITH ANCHOR SYSTEM, RAMP DOME SYSTEMS WITH METAL FRAME, ADA SOLUTIONS HEAVY DUTY COMPOSITE WET SET REPLACEABLE TILES WITH ANCHORS, OR APPROVED EQUAL. COLOR SHALL BE TERRACOTTA. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



GUTTER ELEVATION = 0
CURB HEIGHT = 6"

* 4' CONSTANT WIDTH FOR 4' SIDEWALK
VARIABLE WIDTH FOR SIDEWALK GREATER THAN 4'

DETAIL NO.
C-245
NTS

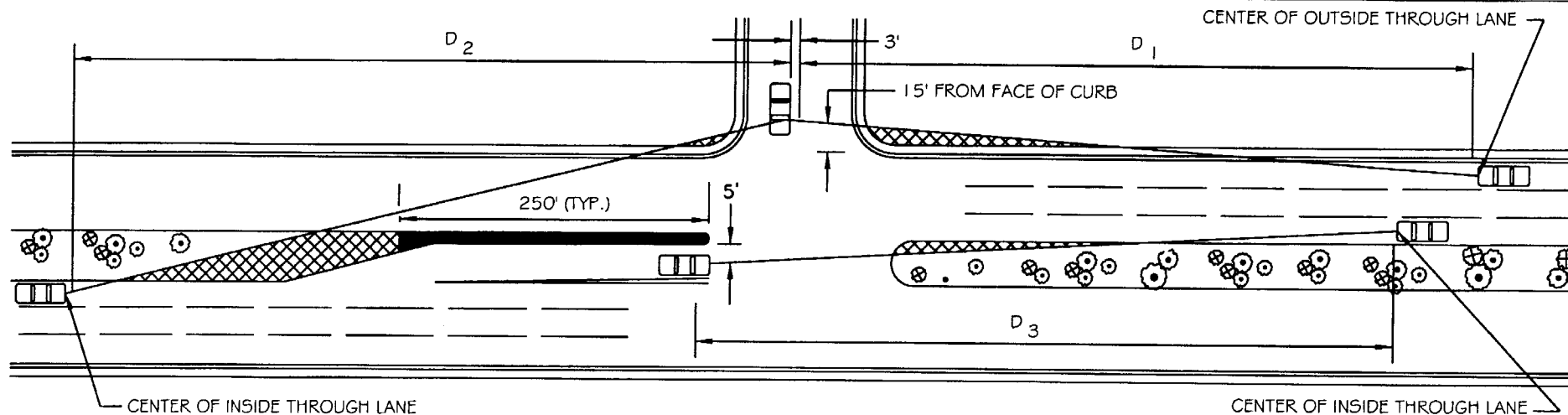


CITY OF
CHANDLER
STANDARD
DETAIL

**COMBINED SIDEWALK RAMP
AND RESIDENTIAL DRIVEWAY**

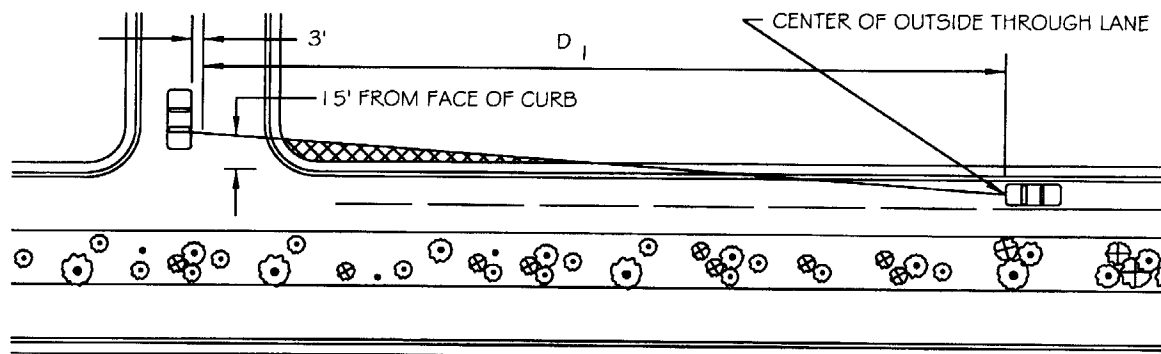
APPROVED: *[Signature]*
CITY ENGINEER
DATE: 01/08/09

DETAIL NO.
C-245
NTS



NO PLANTS OF ANY KIND, BOULDERS, OR STRUCTURES ALLOWED IN THIS AREA - DECORATIVE CONCRETE.

GROUND COVER, FLOWERS, AND GRANITE LESS THAN 24" (MATURE) IN HEIGHT, OR TREES TRIMMED TO 6' CLEARANCE ABOVE FINISHED GRADE ALLOWED IN THIS AREA.



POSTED SPEED	RIGHT TURN ONTO THRU D_1	LEFT TURN ONTO THRU D_2	LEFT TURN FROM THRU D_3
25	260	330	240
30	310	400	290
35	360	470	340
40	410	530	380
45	460	600	430

C-246
REPLACES
39



CITY OF
CHANDLER
STANDARD
DETAIL

SIGHT DISTANCE

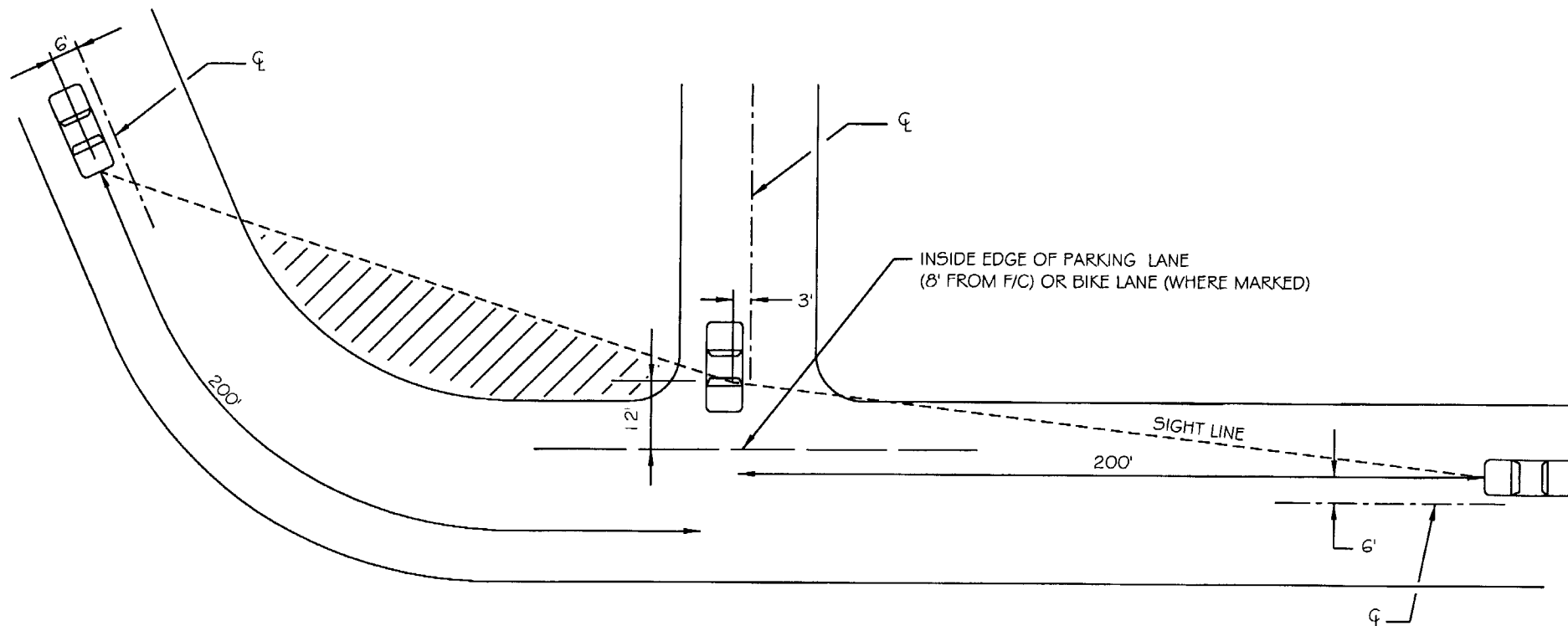
APPROVED

DATE: 2/26/07

CITY ENGINEER

DETAIL NO.

C-246
NTS



NOTE:

THIS STANDARD APPLIES ONLY TO DRIVEWAY AND CROSS-STREET ENTRIES ONTO STREETS WITH A 25 MPH SPEED LIMIT AND ON-STREET PARKING. ONCOMING VEHICLE MUST BE VISIBLE TO DRIVER OF ENTERING VEHICLE FOR AT LEAST 200 FEET FROM INTERSECTION, MEASURED ALONG PATH OF ONCOMING VEHICLE. NO GROUND COVER, SHRUBS, FLOWERS, MOUNDS, WALLS OR STRUCTURES OVER 24 INCHES IN HEIGHT ALLOWED ON STREET SIDE OF SIGHT LINE. TREES MUST BE TRIMMED TO 6 FEET ABOVE GROUND ON STREET SIDE OF SIGHT LINE.

C-247
REPLACES
39A



CITY OF
CHANDLER
STANDARD
DETAIL

**SIGHT DISTANCE FOR LOW SPEED
LOCAL OR COLLECTOR STREETS**

APPROVED

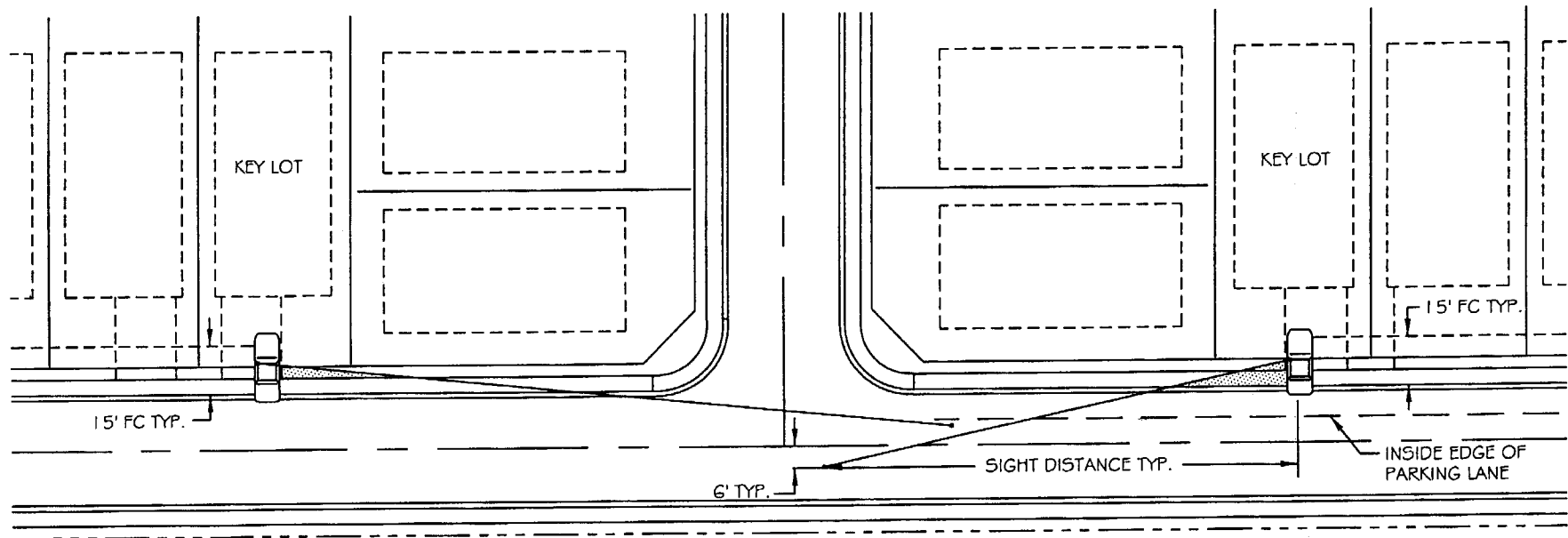
DATE:

[Signature]
CITY ENGINEER
2/26/07

DETAIL NO.

C-247

NTS



NOTES:

DRIVEWAY ON KEY LOTS NEED TO BE PLACED ON FAR SIDE OF LOT FROM REAR FENCE OF CORNER LOT.

 NO STRUCTURES OR LANDSCAPING ABOVE 24" IN HEIGHT ALLOWED IN THIS AREA EXCEPT TREES WITH BRANCHES NOT LESS THAN 6' ABOVE THE GROUND.


DESIGN SPEED	SIGHT DISTANCE
25 MPH	200 FEET

DETAIL NO.
C-248
NTS

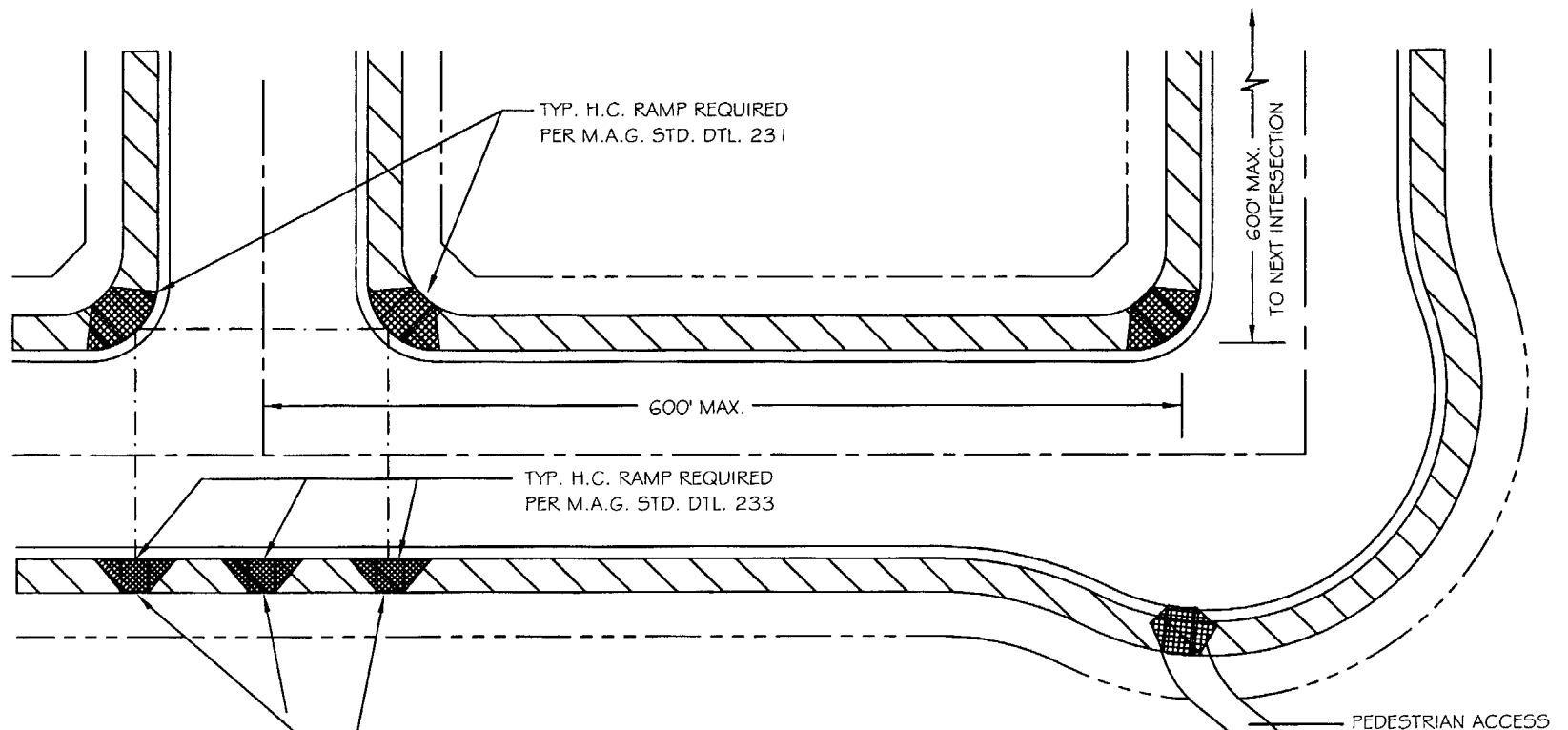


CITY OF
CHANDLER
STANDARD
DETAIL

KEY LOT SIGHT DISTANCE

APPROVED: 
CITY ENGINEER
DATE: 11-19-99

DETAIL NO.
C-248
NTS



1. AT "T" INTERSECTIONS THESE RAMP5 ARE THE PREFERRED LOCATIONS.
IF EITHER CANNOT BE INSTALLED IN ACCORDANCE WITH THIS DETAIL, INSTALL
ONE OR THE OTHER.
2. IF NEITHER CAN BE INSTALLED IN ACCORDANCE WITH THIS DETAIL,
INSTALL ONE ON THE CENTERLINE OF THE INTERSECTING STREET.
3. WHEN POSSIBLE RAMP5 SHOULD BE LOCATED ON THE NEAREST PROPERTY LINE.
4. KNUCKLE RAMP TO BE INSTALLED IF:
 - A. DISTANCE TO INTERSECTION IS GREATER THAN 600'.
 - B. A PEDESTRIAN ACCESS TO AN AMENITY, I.E. PARK AREA, IS REQUIRED.

C-249
REPLACES
47



CITY OF
CHANDLER
STANDARD
DETAIL

ACCESSIBLE RAMP LOCATION

APPROVED

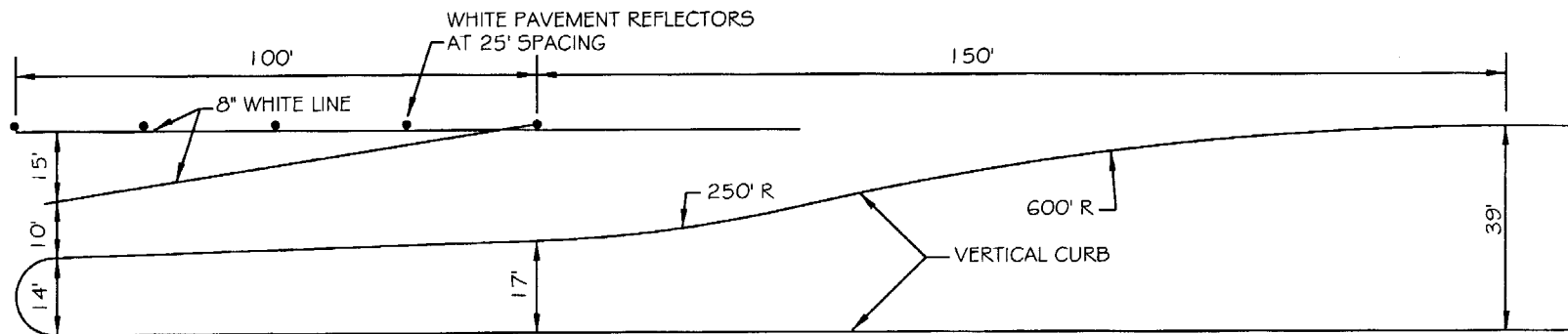
DATE:

Elizabeth M. Smith
CITY ENGINEER
January 11, 2002

DETAIL NO.

C-249

NTS



ALL WIDTHS ARE TO FACE OF CURB OR CENTER OF LANE LINE

DETAIL NO.
C-250
NTS

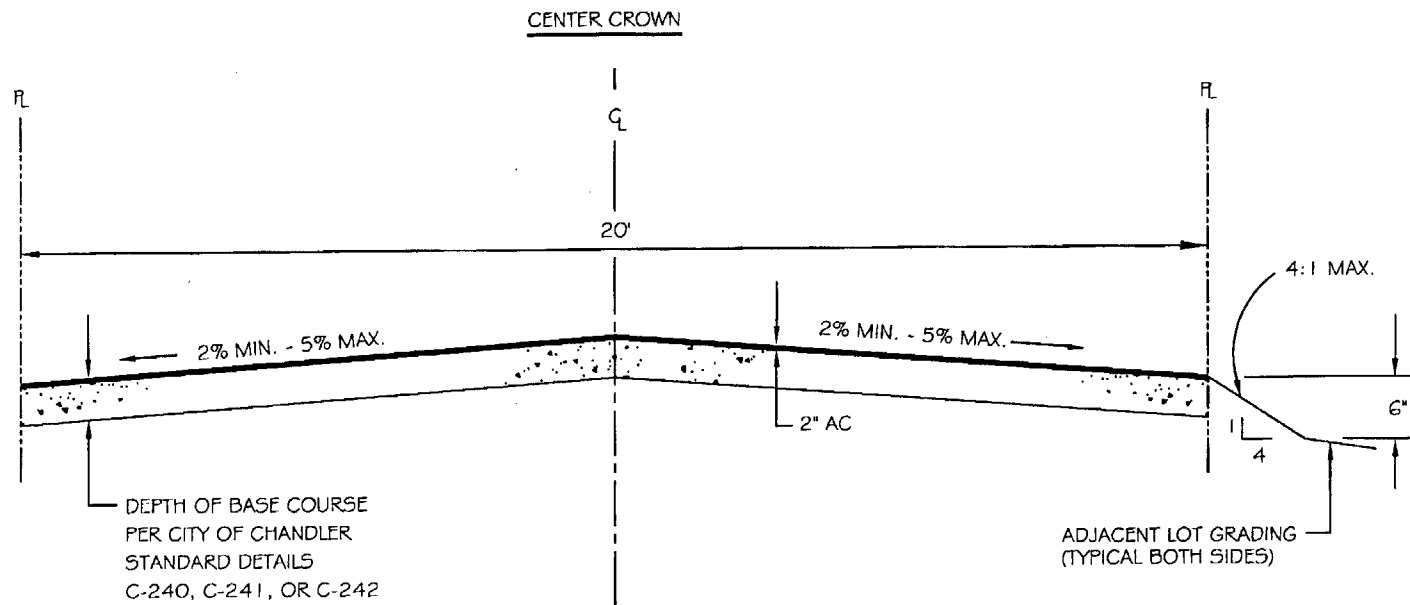


CITY OF
CHANDLER
STANDARD
DETAIL

**LEFT TURN BAY
IN 40' MEDIAN DESIGN**

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 2/26/07

DETAIL NO.
C-250
NTS



NOTES:

- A. ASPHALTIC CONCRETE:
 1. MATERIAL: TYPE R19 EVAC MIX.
 2. COMPACTION TO BE TESTED IN ACCORDANCE WITH AASHTO T-99 METHOD A, AND T-191 OR ASTM D-2922 AND D-3017.
- B. AGGREGATE BASE COURSE: CONFORMING TO SECTION 702.2 MAG STANDARD SPECIFICATIONS.
- C. SUBGRADE PREPARATION: CONFORMING TO SECTION 301 MAG STANDARD SPECIFICATIONS

DETAIL NO.
C-251
NTS

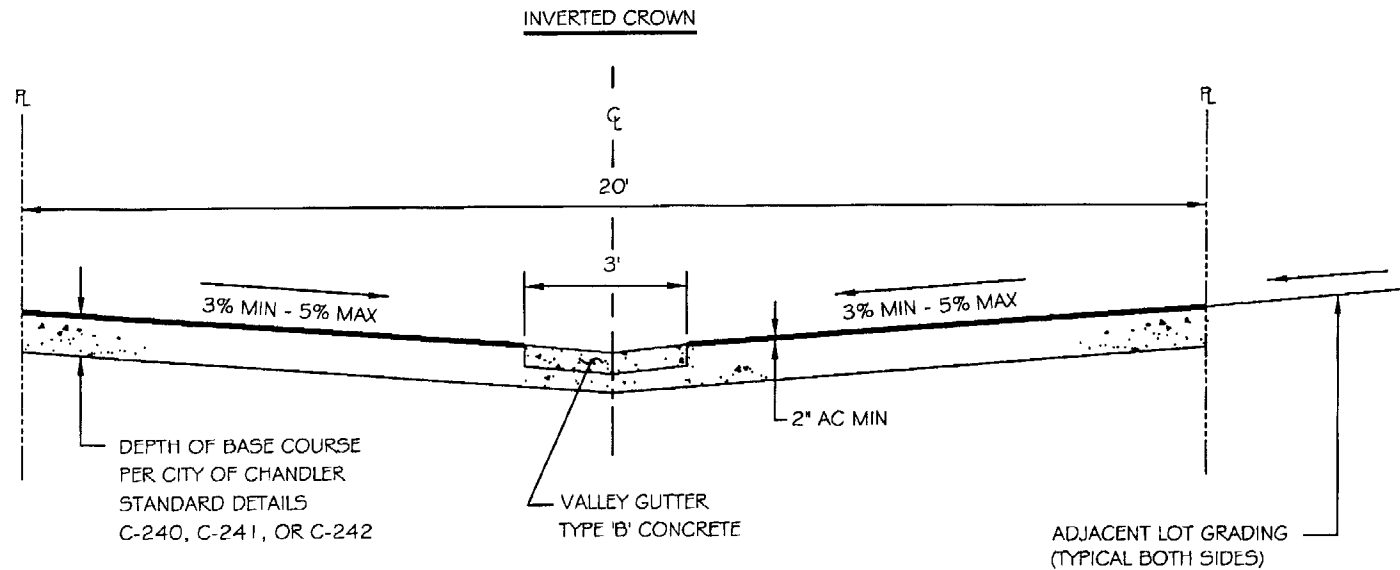


CITY OF
CHANDLER
STANDARD
DETAIL

**ALLEY PAVEMENT
LOT DRAINAGE FROM ALLEY**

APPROVED: *[Signature]*
CITY ENGINEER
DATE: *01/08/09*

DETAIL NO.
C-251
NTS



NOTES:

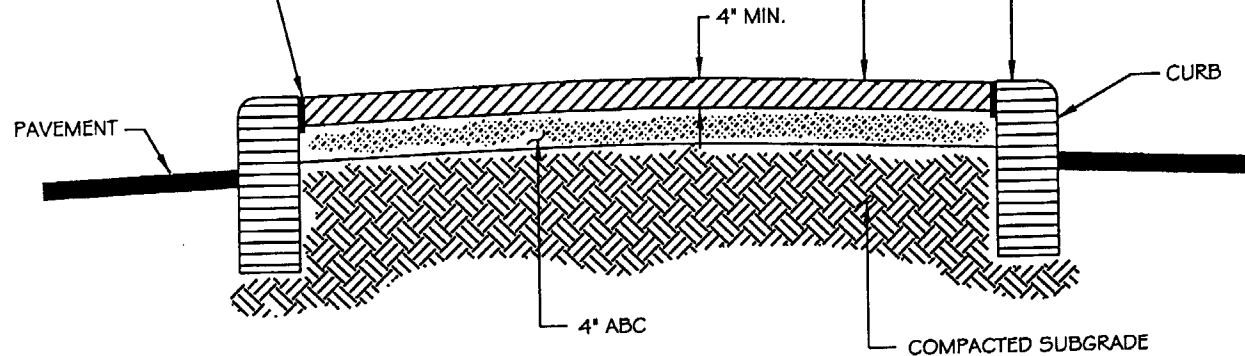
- A. ASPHALTIC CONCRETE:
 - 1. MATERIAL: TYPE R19 EVAC MIX.
 - 2. COMPACTION TO BE TESTED IN ACCORDANCE WITH AASHTO T-99 METHOD A, AND T-191 OR ASTM D-2922 AND D-3017.
- B. AGGREGATE BASE COURSE: CONFORMING TO SECTION 702.2 MAG STANDARD SPECIFICATIONS.
- C. SUBGRADE PREPARATION: CONFORMING TO SECTION 301 MAG STANDARD SPECIFICATIONS

DETAIL NO. C-252 NTS	 CITY OF CHANDLER STANDARD DETAIL	ALLEY PAVEMENT LOT DRAINAGE TO ALLEY	APPROVED:  CITY ENGINEER DATE: <u>01/08/09</u>	DETAIL NO. C-252 NTS
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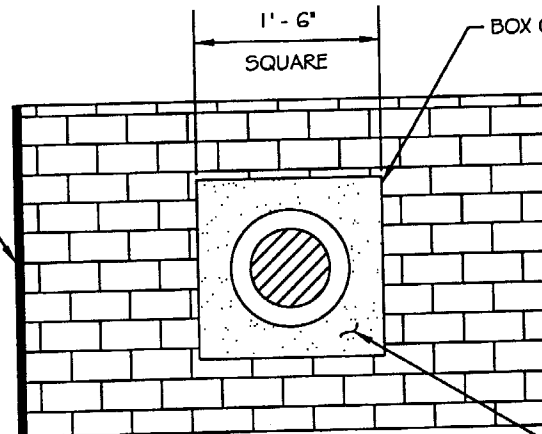
1/2" BITUMINOUS EXPANSION JOINT
CONTINUOUS BOTH SIDES AND
MAXIMUM 20' - 0" LONGITUDINALLY
(SEE PLAN VIEW)

DECORATIVE CONCRETE TO BE
RUNNING BOND COBBLESTONE
WITH A BRICK RED COLOR
SEE PLAN VIEW FOR BOND PATTERN

POLYETHYLENE COVER TO
PROTECT CURB FROM SPLASH.
TRIM ONE DAY AFTER
PLACEMENT OF CONCRETE



LONGITUDINAL EXPANSION JOINT
PLACED PERPENDICULAR
TO CENTERLINE (TYP.)



PLAN VIEW

C-253
REPLACES
37A




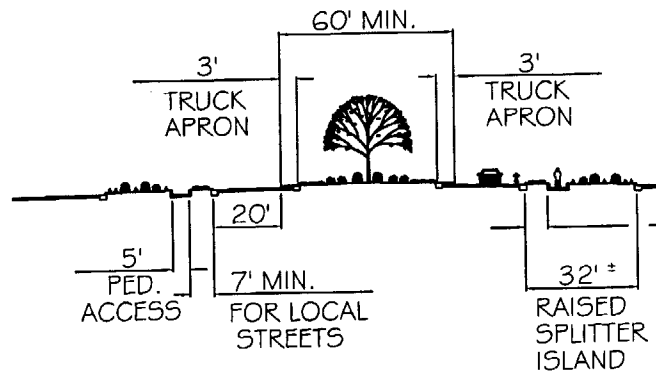
CITY OF
CHANDLER
STANDARD
DETAIL

DECORATIVE CONCRETE

APPROVED: *Bryan D. Patterson*
CITY ENGINEER
DATE: *11-19-99*

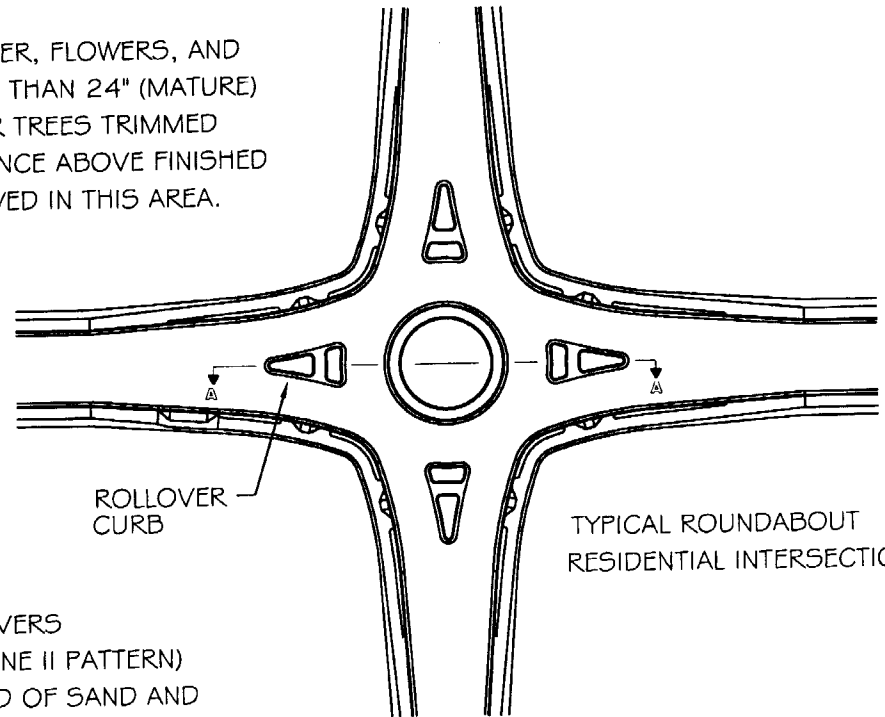
DETAIL NO.
C-253
NTS

DETAIL NO. C-254 NTS	 CITY OF CHANDLER STANDARD DETAIL	ARTERIAL/COLLECTOR ROADWAY LANDSCAPE DRAINAGE	APPROVED: <u>B. D. [Signature]</u> CITY ENGINEER DATE: <u>11-19-99</u>	DETAIL NO. C-254 NTS
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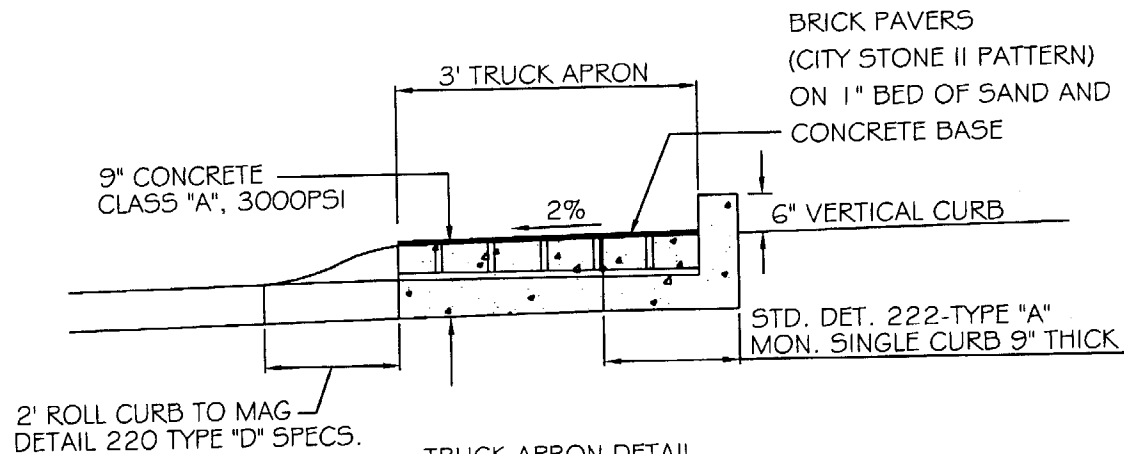


SECTION AA
THROUGH SPLITTER/CENTER ISLAND

GROUND COVER, FLOWERS, AND
GRANITE LESS THAN 24" (MATURE)
IN HEIGHT, OR TREES TRIMMED
TO 6' CLEARANCE ABOVE FINISHED
GRADE ALLOWED IN THIS AREA.



TYPICAL ROUNDABOUT
RESIDENTIAL INTERSECTION



TRUCK APRON DETAIL

RESIDENTIAL COLLECTOR
RESIDENTIAL LOCAL
TYPICAL ROUNDABOUT
CENTER/SPLITTER ISLAND DETAIL
TRUCK APRON DETAIL

DETAIL NO.
C-255
NTS

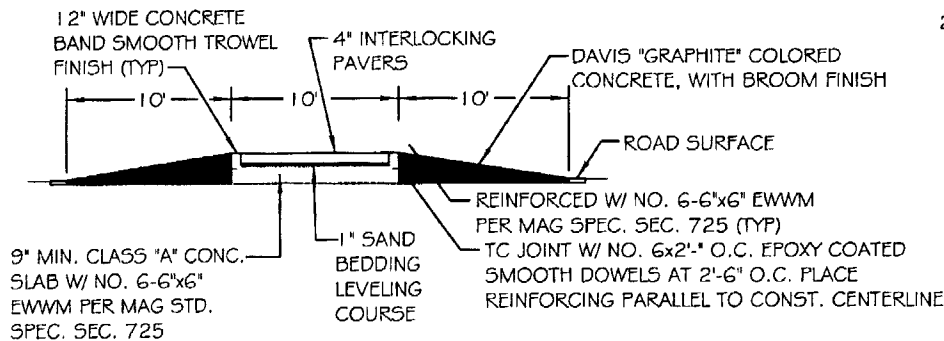
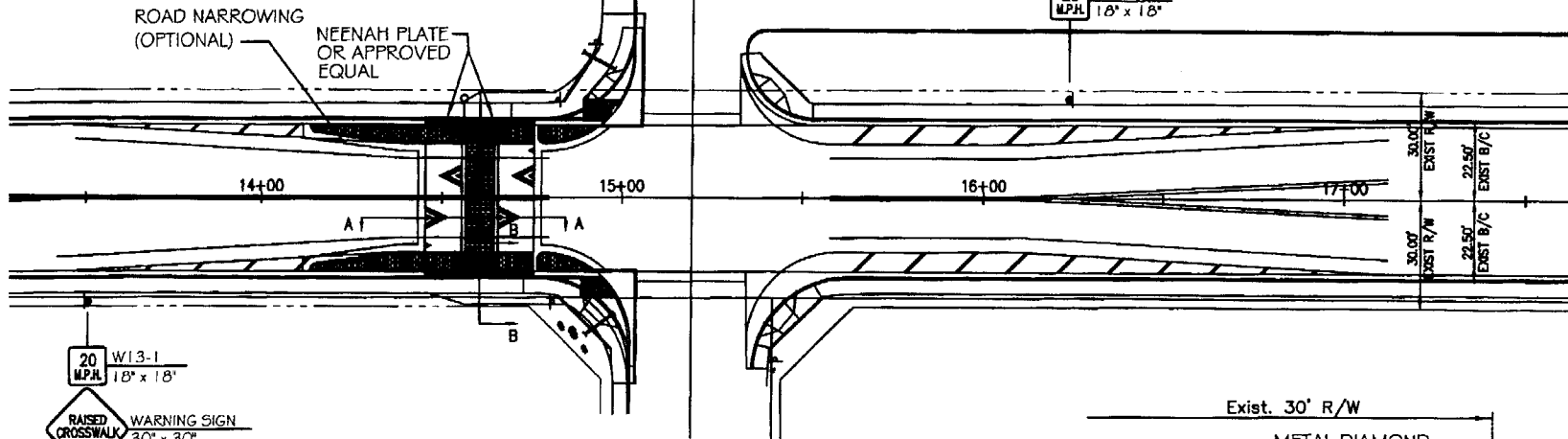
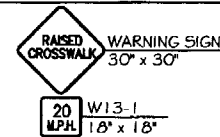


CITY OF
CHANDLER
STANDARD
DETAIL

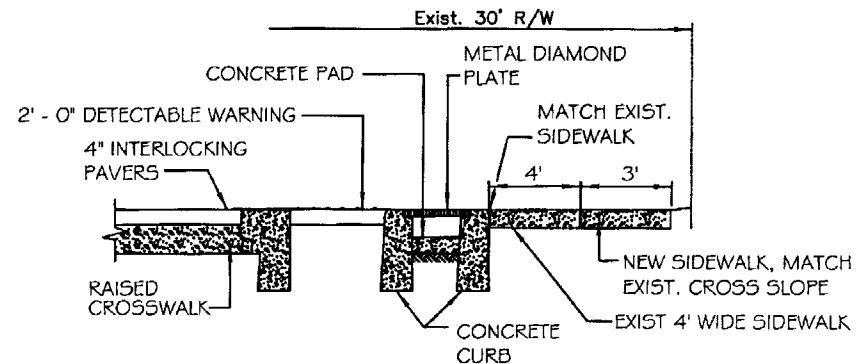
TYPICAL ROUNDABOUT

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 2/26/07

DETAIL NO.
C-255
NTS



SECTION A-A
NTS



SECTION B-B
NTS

NOTES:

1. RETROFIT DESIGN SHOWN. NEW INSTALLATIONS MAY REQUIRE CURB, GUTTER, AND DRAINAGE FACILITIES TO BE DIFFERENT THAN SHOWN.
2. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY CAST IN TAC, TEKWAY DOME TILES WITH ANCHOR SYSTEM, RAMP DOME SYSTEMS WITH METAL FRAME, ADA SOLUTIONS HEAVY DUTY COMPOSITE WET SET REPLACEABLE TILES WITH ANCHORS, OR APPROVED EQUAL. COLOR SHALL BE TERRACOTTA. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

DETAIL NO.
C-256
NTS

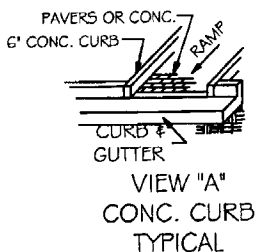
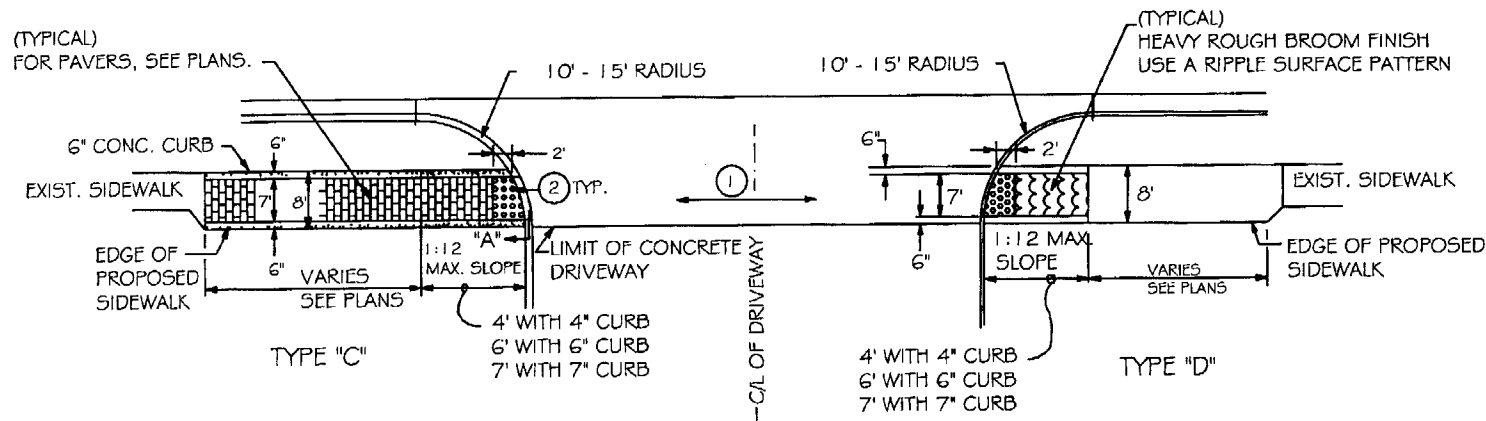
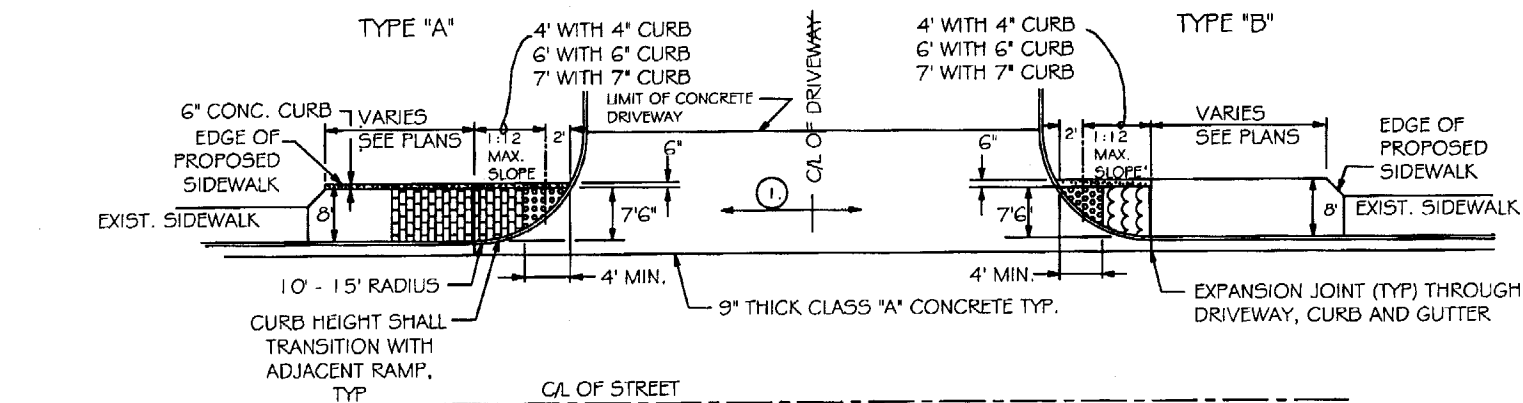


CITY OF
CHANDLER
STANDARD
DETAIL

TYPICAL RAISED CROSSWALK

APPROVED: *John Dyer*
CITY ENGINEER
DATE: 01/05/09

DETAIL NO.
C-256
NTS



NOTES:

- ① ALL RAMPS AND DETECTABLE WARNING SHALL BE ALIGNED IN THE DIRECTION OF PEDESTRIAN TRAVEL AND DIRECTED TOWARD RAMP ON OPPOSITE SIDE OF DRIVEWAY. CROSS SLOPE SHALL NOT EXCEED 2%.
2. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES MANUFACTURED BY CAST IN TAC, TEKWAY DOME TILES WITH ANCHOR SYSTEM, RAMP DOME SYSTEMS WITH METAL FRAME, ADA SOLUTIONS HEAVY DUTY COMPOSITE WET SET REPLACEABLE TILES WITH ANCHORS, OR APPROVED EQUAL. COLOR SHALL BE TERRACOTTA. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

DETAIL NO.
C-257
NTS



CITY OF
CHANDLER
STANDARD
DETAIL

SIDEWALK SCOOP RAMP DETAIL FOR RETURN TYPE DRIVEWAY

APPROVED: *[Signature]*
CITY ENGINEER
DATE: 01/06/09

DETAIL NO.
C-257
NTS